

**131-10 TO 131-18 AVERY AVENUE
&
131-24 TO 131-32 AVERY AVENUE
QUEENS, NEW YORK**

Remedial Investigation Report

NYC VCP Site Number: TBD

OER Project Number: 15EHAN193Q

Prepared for:

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REMEDIAL INVESTIGATION REPORT

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LIST OF ACRONYMS

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

CERTIFICATION

I, William V. Silveri, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the 131-10 to 131-18 Avery Avenue & 131-24 to 131-32 Avery Avenue Sites (NYC VCP Site No. TBD and OER Project No. 15EHAN193Q). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Qualified Environmental Professional

Date

Signature

EXECUTIVE SUMMARY

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

Site Location and Current Usage

The Sites are located at 131-10 to 131-18 Avery Avenue (Site A) and 131-24 to 131-32 Avery Avenue (Site B) in the Flushing section in Queens, New York and is identified as Block 5076 and Lots 61, 65, 69 and 75 on the New York City Tax Map. Figure 1 shows the Site location. The four tax lots in total consist of 21,640-square feet and are bounded by Avery Avenue to the north, a 1-story commercial building to the east, a 1-story commercial building to the south, and 131st Street to the west. A map of the site boundary is shown in Figure 2. Currently, the Sites are unoccupied but were most recently used as four separate commercial retail stores and contain four 1-story structures. Only the building on Lot 61 has a basement; the other three buildings do not have a basement.

Proposed Redevelopment Plan

The proposed future use of the both Site A and Site B will consist of one 6-story mixed use residential and commercial building with full basement on each site. The total gross square footage of Site A will be 51,936 square-feet. The basement level will be used for mechanical equipment rooms, commercial/retail and community facility uses, and accessory uses (parking) for both the commercial/retail and community facility uses. The total gross square footage of Site B will be 34,621 square-feet. The basement level will be used for mechanical equipment rooms, commercial/retail uses, and accessory uses for both the commercial/retail and community facility uses. For both Site A and B, the first floor will be used for commercial/retail uses and a community facility lobby, and floors 2 through 6 will be used for community facility uses. For the construction of new basements, soils beneath both Sites will be excavated to approximately 15 feet below grade surface (bgs) except for Lot 61 of Site A. Since the existing building on Lot 61 already has a basement, no excavation is required. Therefore, an estimated 7,212 cubic yards (10,820 tons) of soil will be removed from the Site during excavation. Layout of the proposed site development is presented in Figure 3. A set of proposed architectural plans are presented in Appendix E. The

current zoning designation is C2-6A, denoting it as a commercial district which is predominantly residential in character. The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

Based upon the review the two Phase I Environmental Site Assessment (ESA) Reports prepared by National Environmental Services, Inc. (NES) dated August 23, 2013, the Site history was established. The Site consists of four (4) tax lots with a total square footage of 21,640 square feet that are currently vacant, but was most recently used as four separate commercial retail stores and contains four 1-story structures. Historical Sanborn Maps show the Site as undeveloped land prior to 1982. Between 1982 and the present, the Site is shown as developed with the existing structures. Past owners include a discount store, a furniture store, and other commercial businesses.

The AOCs identified for this Site include:

1. A localized presence of trichloroethylene (TCE) and tetrachloroethylene (PCE) in soil in the central portion of the Site (Lot 69/131-24 Avenue Avenue).
2. The presence of TCE and PCE in groundwater and soil vapor throughout the Site.
3. The presence of polychlorinated biphenyls (PCBs) in the shallow soil throughout the Site.

A map showing areas of concern is presented in Figure 4.

Summary of the Work Performed under the Remedial Investigation

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed seventeen (17) soil borings across the entire project Site, and collected thirty-five (35) soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed five (5) groundwater monitoring wells throughout the Site to establish groundwater flow and collected five (5) groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed six (6) soil vapor probes around Site perimeter and collected six (6) samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property is approximately 15 feet.
2. Depth to groundwater ranges from 19.51 to 19.91 feet at the Site.
3. Groundwater flow is generally from northwest to southeast beneath the Site.
4. Bedrock was not encountered during this investigation.
5. The stratigraphy of the Site, from the surface down, consists of 4 feet of urban fill consisting of fine to medium sand with asphalt and ash underlain by 14 feet of native sand.
6. Soil/fill samples results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives and Restricted Residential Soil Cleanup Objectives as presented in 6NYCRR Part 375-6.8 and CP51. Soil/fill samples collected during the RI showed concentrations of several VOCs including acetone (max of 0.57 mg/kg), cis-1,2-Dichloroethylene (max of 40 mg/kg), tetrachloroethylene (max of 5.7 mg/kg), trans-1,2-Dichloroethylene (max of 4.1 mg/kg), trichloroethylene (max of 17 mg/kg), and vinyl chloride (max of 0.15 mg/kg) exceeding Unrestricted Use SCOs in shallow soil samples. These exceedances occurred mainly in the soil samples taken to delineate the extent of impacted soils at the center of Lot 65. Several SVOCs consisting of Polycyclic Aromatic Hydrocarbons (PAHs) were detected with benzo(a)anthracene (max of 1.2 mg/kg), benzo(k)fluoranthene (max of 0.89 mg/kg), chrysene (max of 1.97 mg/kg), dibenzo(a,h)anthracene (0.39 mg/kg), and indeno(1,2,3-cd)pyrene (max of 0.71 mg/kg) exceeding Unrestricted Use SCOs in two samples. Of these, benzo(a)anthracene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene exceeded Restricted Residential Use SCOs. Two pesticides, 4,4'-DDE (max of 0.079 mg/kg) and 4,4'-DDT (max of 0.21 mg/kg) exceeded Unrestricted Use SCOs. Total PCBs exceeded Restricted Residential Use SCOs in seven shallow soil samples with a maximum concentration of 54.7 mg/kg. Several metals including arsenic (max of 13.8 mg/kg), chromium hexavalent (max of 1.88 mg/kg), chromium trivalent (max of 31.9 mg/kg), copper (max of 669 mg/kg), lead (max of 412 mg/kg), mercury (max of 1.76 mg/kg), nickel (max of 45.3 mg/kg), selenium (max of 6.68 mg/kg), and zinc (max of 270 mg/kg) exceeded Unrestricted Use SCOs. Of these metals, copper, lead, and mercury also exceeded Restricted Residential Use in two shallow samples.

7. Groundwater samples results were compared to New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). Groundwater samples collected during the investigations showed no pesticides in any sample. Four VOCs, 1,1-Dichloroethane (max of 8 µg/L), cis-1,2-Dichloroethylene (max of 8.4 µg/L), tetrachloroethylene (max of 190 µg/L), and trichloroethylene (max of 27 µg/L) were detected above their respective GQS. Trace concentrations of SVOCs were detected, but none exceeded their GQS. Total PCBs (0.24 µg/L) exceeded GQS in one sample. Several metals were identified in groundwater but only manganese (max of 2,460 µg/L), selenium (max of 31 µg/L), and sodium (max of 147,000 µg/L) exceeded their respective GQS.
8. Soil vapor results collected during the RI were compared to the compounds listed in Table 3.1 Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006. Soil vapor samples collected during the RI showed moderate levels of petroleum-related and high levels of chlorinated VOCs. Total concentrations of petroleum-related VOCs (BTEX) ranged from 9.5 µg/m³ to 68.26 µg/m³. Chlorinated VOCs tetrachloroethylene (PCE) was detected in all soil vapor samples ranging from 500 to 18,305.03 µg/m³, trichloroethylene (TCE) was detected in all samples with a maximum concentration of 26,320.97 µg/m³, and 1,1,1-trichloroethane (TCA) was detected in two soil vapor samples at a maximum concentration of 33 µg/m³. Carbon tetrachloride was not detected in any sample. Concentrations for PCE and TCE were above the monitoring level ranges established within the State DOH soil vapor guidance matrix. Several chlorinated VOCs were detected, with cis-1,2-Dichloroethylene (max of 17,438.1 ug/m³) and trans-1,2-Dichloroethylene (max of 2,060.87 ug/m³) found at elevated concentrations.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Avery Group LLC & Wilson Realty Management LLC have applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.497-acre site located at 131-10 to 131-32 Avery Avenue in the Flushing section of Queens, New York. The proposed Site will consist of a two separate 6-story mixed use residential and commercial buildings. The RI work was performed on May 21, 2014 and between October 27, 2014 and October 31, 2014. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Sites are located at 131-10 to 131-18 Avery Avenue (Site A) and 131-24 to 131-32 Avery Avenue (Site B) in the Flushing section in Queens, New York and is identified as Block 5076 and Lots 61, 65, 69 and 75 on the New York City Tax Map. Figure 1 shows the Site location. The four tax lots in total consist of 21,640-square feet and are bounded by Avery Avenue to the north, a 1-story commercial building to the east, a 1-story commercial building to the south, and 131st Street to the west. A map of the site boundary is shown in Figure 2. Currently, the Sites are unoccupied but were most recently used as four separate commercial retail stores and contain four 1-story structures. Only the building on Lot 61 has a basement; the other three buildings do not have a basement.

1.2 Proposed Redevelopment Plan

The proposed future use of the both Site A and Site B will consist of one 6-story mixed use residential and commercial building with full basement on each site. The total gross square footage of Site A will be 51,936 square-feet. The basement level will be used for mechanical equipment rooms, commercial/retail and community facility uses, and accessory uses (parking) for both the commercial/retail and community facility uses. The total gross square footage of Site B will be 34,621 square-feet. The basement level will be used for mechanical equipment rooms, commercial/retail uses, and accessory uses for both the commercial/retail and community facility uses. For both Site A and B, the first floor will be used for commercial/retail uses and a community facility lobby, and floors 2 through 6 will be used for community facility uses. For the construction

of new basements, soils beneath both Sites will be excavated to approximately 15 feet below grade surface (bgs) except for Lot 61 of Site A. Since the existing building on Lot 61 already has a basement, no excavation is required. Therefore, an estimated 7,212 cubic yards (10,820 tons) of soil will be removed from the Site during excavation. Layout of the proposed site development is presented in Figure 3. A set of proposed architectural plans are presented in Appendix E. The current zoning designation is C2-6A, denoting it as a commercial district which is predominantly residential in character. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The Site is located within a primarily mixed use residential, commercial, and manufacturing area of Queens, New York. The Site is bounded by Avery Avenue to the north, a 1-story commercial building to the south, a 1-story commercial building to the east, and 131st Street to the west.

According to the OER Searchable Property Environmental E-Database (SPEED), there are no sensitive receptors (such as schools, hospitals and day-care facilities) within a 500-foot radius of the Site.

Figure 2 shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Based upon the review the two Phase I Environmental Site Assessment (ESA) Reports dated August 23, 2013 prepared by National Environmental Services, Inc. (NES), the Site history was established. The Site consists of four (4) tax lots with a total square footage of 21,640 square feet that are currently vacant, but was most recently used as four separate commercial retail stores and contains four 1-story structures. Historical Sanborn Maps show the Site as undeveloped land prior to 1982. Between 1982 and the present, the Site is shown as developed with the current structures. Past owners include a discount store, a furniture store, and other commercial businesses.

2.2 Previous Investigations

Two Phase I ESAs (one for 131-10 & 131-18 Avery Avenue and one for 131-24 & 131-32 Avery Avenue) were prepared by NES on August 23, 2013, which did not identify any recognized environmental conditions (RECs) at the Site.

A previous Focused Phase II Subsurface Investigation was completed by Athenica Environmental Services on May 21, 2014. The scope of work included installation of 2 direct-push soil borings in Lots 65 and 69 and collection of 3 soil samples. The soil boring in Lot 69 was converted into a groundwater monitoring well and 1 groundwater sample taken. Laboratory results showed the chlorinated solvent trichloroethene impacted soils in Lot 65 impacting groundwater quality. The results of May 2014 investigation are presented along with the remedial investigation results in this RIR.

2.3 Site Inspection

Mr. Ethan Rainey of Athenica Environmental Services performed a site inspection on May 14, 2014. The Site reconnaissance consisted of observing conditions throughout the accessible area of the Site and around the perimeter of the Site. At the date of the inspection, the Site consisted of the four commercial buildings.

2.4 Areas of Concern

The AOCs identified for this site include:

1. A localized presence of trichloroethylene (TCE) and tetrachloroethylene (PCE) in soil in the central portion of the Site (131-24 Avenue Avenue).

2. The presence of TCE and PCE in groundwater and soil vapor throughout the Site.
3. The presence of polychlorinated biphenyls (PCBs) in the shallow soil throughout the Site.

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 William Silveri.

3.2 Health and Safety

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

3.3 Materials Management

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

4.0 REMEDIAL INVESTIGATION ACTIVITIES

Athenica performed the following scope of work in May and October of 2014:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.),
2. Installed seventeen (17) soil borings across the entire project Site, and collected thirty-five (35) soil samples for chemical analysis from the soil borings to evaluate soil quality,
3. Installed five (5) groundwater monitoring wells throughout the Site to establish groundwater flow and collected five (5) groundwater samples for chemical analysis to evaluate groundwater quality, and
4. Installed six (6) soil vapor probes around Site perimeter and collected six (6) samples for chemical analysis.

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

4.1 Geophysical Investigation

Due to the thickness of the raised floor slab (approximately 24 inches) at the Site, a geophysical survey could not be performed.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

A total of seventeen (17) soil borings were installed using a direct-push drill rig. Borings SB-1 and SB-2 were installed to a depth of 16 feet bgs and 18 feet bgs, respectively on May 21, 2014. Additional borings were installed and designated SB-1 through SB-15 between October 27 and October 29, 2014. SB-2 through SB-4, SB-7 and SB-9 through SB-15 were installed to 20 feet bgs, SB-6 and SB-8 to 18 feet bgs, SB-5 to 15 feet bgs and SB-1 to 30 feet bgs.

From each of the direct-push soil borings, soil samples were continuously collected from grade to the boring termination depth and screened for evidence of contamination utilizing field observations (odor and/or staining) and a photoionization detector (PID). A PID makes use of the principle of photoionization for the detection and qualitative measurement of organic vapors. A PID does not respond to all compounds similarly, rather, each compound has its own response factor

relative to its calibration. For this investigation, the PID was calibrated to the compound isobutylene, as published by the manufacturer.

No staining or odors were observed in any of the borings. PID readings of 3.8 ppm and 64.7 ppm were detected in SB-6 in the 4 to 6 foot interval and SB-9 in the 2 to 4 foot interval, respectively. PID readings were detected throughout SB-12 with a maximum of reading of 86.9 ppm in the 4 to 6 foot interval. In the previous investigation in May 2014, PID readings were detected in through SB-1 (with a maximum of 43.5 ppm in the 4 to 6 foot interval) and throughout SB-2 (with a maximum of 10.3 ppm in the 4 to 6 foot interval).

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

Groundwater Monitoring Well Construction

A total of five (5) groundwater monitoring wells were installed to determine the groundwater quality beneath the Site between May 21, 2014 and October 27-29, 2014. The monitoring wells were constructed of a 1-inch Schedule 40 solid PVC piping for the riser interval and a 1-inch Schedule 40 0.02-inch slotted PVC piping for the screening interval. GW-1 was installed to a depth of 20 feet with a 10 foot screen interval which intercepted the groundwater table at approximately 18 feet below grade. MW-1 was installed to 35 feet bgs, with 15 foot screen interval which intercepted the groundwater table at the approximate mid-point. MW-2 through MW-4 were installed to 30 feet bgs, with 15 foot screen interval which intercepted the groundwater table at the approximate mid-point. The solid PVC riser extended from the top of the screen interval to approximately 12 inches above ground surface (i.e. stick up) and was capped with an expandable monitoring well plug.

The monitoring well construction details are found in Appendix D. Monitoring well locations are shown in Figure 5.

Survey

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

Water Level Measurement

Groundwater head measurements were collected utilizing a Solinst® 122 Oil/Water Interface Probe (Interface Probe). The Interface Probe can measure depths to water to 0.01 inch. Groundwater was encountered between 19.51 and 19.91 feet bgs on October 29 and 31, 2014. Water level data is included in Table 1. Figure 6 shows the groundwater flow contour diagram.

4.3 Sample Collection and Chemical Analysis

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

Soil Sampling

A total of thirty five (35) soil samples were collected for chemical analysis during this RI. One (1) shallow soil sample and one (1) deep soil sample were collected from all of the soil borings. An additional sample was collected from SB-6 in the 4 to 6 foot interval due to elevated PID readings and SB-3 in the 4 to 6 foot interval due to the top of native material below historic fill.

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

Soil samples were collected in pre-cleaned, laboratory supplied glassware, stored in a chilled cooler (4° C) and submitted for analysis. Soil samples were analyzed at New York State Department of Health ELAP-certified laboratories. Samples from SB-1 and SB-2 (collected in May 2014) and SB-1 through SB-15 (collected in October 2014) were analyzed for the presence of volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082, and target analyte list (TAL) metals. All samples were transmitted under proper chain of custody procedures to York Analytical, a State-certified (ELAP) laboratory for confirmatory laboratory analyses.

Groundwater Sampling

The groundwater monitoring wells were gauged for groundwater and/or free product levels. One (1) groundwater sample was collected from each of the five (5) on-Site monitoring wells. Representative groundwater samples from the groundwater monitoring wells were collected utilizing low-flow purging and sampling methods. The groundwater monitoring well was purged until water quality parameters, such as turbidity, conductivity, pH, and dissolved oxygen, were stabilized (10 percent variations or less) over three consecutive measurements while draw-down during purging is kept to a minimum (0.3 feet or less). Data on groundwater sample collection for chemical analyses, including dates of collection and sample depths, is reported in Table 6 through Table 10. Figure 5 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

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

Soil Vapor Sampling

A total of six (6) soil vapor probes were installed to a depth of 15 feet bgs and six (6) soil vapor samples were collected for chemical analysis during this RI. Dedicated tubing was used for each vapor probe. An Athenica field representative coordinated and directed the installation of the temporary soil vapor probes and collected the representative vapor samples.

Soil vapor sampling locations are shown in Figure 5. Soil vapor sample collection data is reported in Table 11. Soil vapor sampling logs are included in Appendix D. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006*.

The soil vapor probes were connected to ¼-inch outer diameter inert Teflon-lined polyethylene tubing and the polyethylene tubing was connected to flexible tygon tubing which extended above ground surface to allow for purging and sampling. 24-48 hours following the installation of the soil vapor probes, approximately three volumes of air was purged from each vapor probe at a flow rate less than 200 milliliters per minute, and a representative vapor sample was collected over a four-hour period for laboratory analysis utilizing a 6-liter pre-cleaned SUMMA canisters. After vapor

sampling, each SUMMA canister was labeled and sent to a laboratory (York Analytical) certified to perform air analysis in New York State and analyzed for VOCs via EPA TO-15.

Chemical Analysis

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

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by William Silveri.
Chemical Analytical Laboratory	Chemical analytical laboratory used in the RI is NYS ELAP certified and is York Analytical Laboratories.
Chemical Analytical Methods	<p>Soil and groundwater analytical methods:</p> <ul style="list-style-type: none"> • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); <p>Soil vapor analytical methods:</p> <ul style="list-style-type: none"> • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Table 2 through 11, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendices F through H.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

The stratigraphy of the Site, from the surface down, consists of approximately 4 feet of fine to medium sand with historic fill, underlain by approximately 14 feet of brown fine to medium sand.

Hydrogeology

A table of water level data for all monitor wells is included in Table 1. The average depth to groundwater is 19.70 feet and the range in depth is 19.51 to 19.91 (from top of casings). A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in Figure 6. Groundwater flow is from northwest to southeast.

5.2 Soil Chemistry

Soil samples collected during this RI were compared to 6NYCRR Part 375-6.8 Unrestricted Use (Track 1) and Restricted Residential Use (Track 2) Soil Cleanup Objectives (SCOs). Five VOCs including cis-1,2-dichloroethylene (max. 40 ppm) in six samples, vinyl chloride (max. 0.15 ppm) and trichloroethylene (max. 17 ppm) in four samples, and tetrachloroethylene (max. 5.7 ppm) and trans-1,2-dichloroethylene (max. 4.1 ppm) in two samples, were detected above their respective Unrestricted Use SCOs. Four of these soil samples were collected from the central portion of Lot 69 to delineate the horizontal extent of previously identified chlorinated solvent contamination. Acetone was also found to exceed its Unrestricted Use SCO in several samples, however it should be noted that acetone is a common laboratory contaminant. Five (5) Polycyclic Aromatic Hydrocarbons (PAHs) including benzo(a)anthracene (max. 1.2 ppm), chrysene (max. 1.97 ppm), benzo(k)fluoranthene (max. 0.89 ppm), dibenzo(a,h)anthracene (max. 0.39 ppm), indeno(1,2,3-cd) and pyrene (max. 0.71 ppm) were found to exceed their respective Unrestricted Use SCOs in two samples. Of these PAHs, benzo(a)anthracene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene also exceeded their respective Restricted Residential Use SCOs in these two samples. The concentrations of these PAHs were well within published values for historic fill, and therefore their presence is likely attributable to historic fill. Two pesticides, 4,4'-DDE and 4,4'-DDT, slightly exceeded their respective Unrestricted Use SCOs in six samples. Total PCBs exceeded Unrestricted Use SCOs in eleven samples and Restricted Residential Use SCOs in seven samples (max. 54.7 ppm). In nine of eleven samples, the total PCBs were found in the shallow soil samples (zero to 2 feet). Fifteen metals were detected above their respective Unrestricted Use SCOs throughout the

Site including arsenic (13.8 ppm), copper (max. 669 ppm), lead (max. 412 ppm), mercury (1.76 ppm), nickel (max. 45.3 ppm), selenium (max. 6.68 ppm), zinc (max. 270 ppm), hexavalent chromium (max. 1.88 ppm), and trivalent chromium (31.9 ppm). Of these metals, copper, lead, and mercury also exceeded their respective Restricted Residential Use SCO in two of the soil samples. Overall, the findings were consistent with observation for historic fill sites in the area throughout New York City.

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Table 2 through Table 5. Figure 7 shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 1 Unrestricted Use Soil Cleanup Objectives.

5.3 Groundwater Chemistry

Groundwater samples collected during this investigation were compared to NYSDEC 6NYCRR Part 703.5 Groundwater Quality Standards (GQS). Groundwater samples did not show any SVOCs, pesticides or PCBs exceeding their respective GQS, except for total PCBs at MW-1 with a concentration of 0.24 µg/L. Four VOCs, tetrachloroethylene (PCE) (max. 190 µg/L), trichloroethane (TCE) (max. 27 µg/L), cis-1,2-dichloroethylene (max. 8.4 µg/L) and 1,1-dichloroethane (max. 8 µg/L), were detected above their respective GQS in the groundwater samples. Three dissolved metals; manganese (max. 2,460 µg/L), selenium (max. 31 µg/L) and sodium (max. 147,000 µg/L) were identified in the groundwater samples exceeding their respective GQS.

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Table 6 through Table 10. Figure 8 shows the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

5.4 Soil Vapor Chemistry

Soil vapor samples were collected during the RI were compared to the compounds listed in Table 3.1 Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion. Soil vapor results showed elevated levels of chlorinated compounds and low levels of petroleum related compounds including BTEX (max. of 41.44 µg/m³) among others. Carbon tetrachloride was not detected in any of the six soil vapor samples. Tetrachloroethylene (PCE) was detected at high levels in all six soil

vapor samples at a maximum concentration of 18,305.03 $\mu\text{g}/\text{m}^3$. Trichloroethylene (TCE) was also detected at high levels in all six samples at a maximum concentration of 26,320.97 $\mu\text{g}/\text{m}^3$. 1,1,1-Trichloroethane (TCA) was detected two of the samples at a maximum concentration of 33 $\mu\text{g}/\text{m}^3$. Detected concentrations of PCE and TCE were above the mitigation level range established by NYSDOH.

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 11.

Figure 9 shows the location and posts the values for soil vapor matrix compounds.

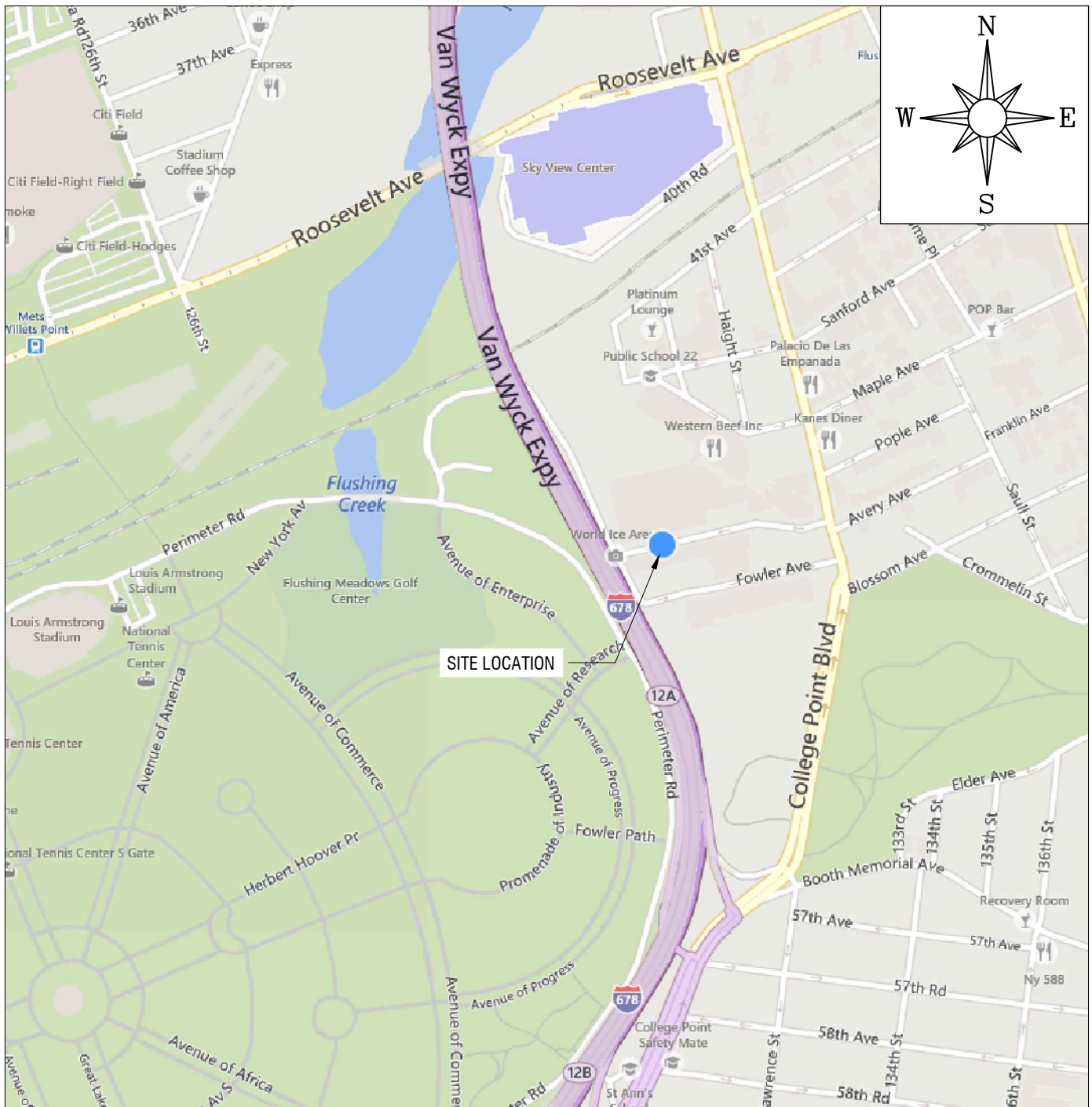
5.5 Prior Activity

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


5.6 Impediments to Remedial Action

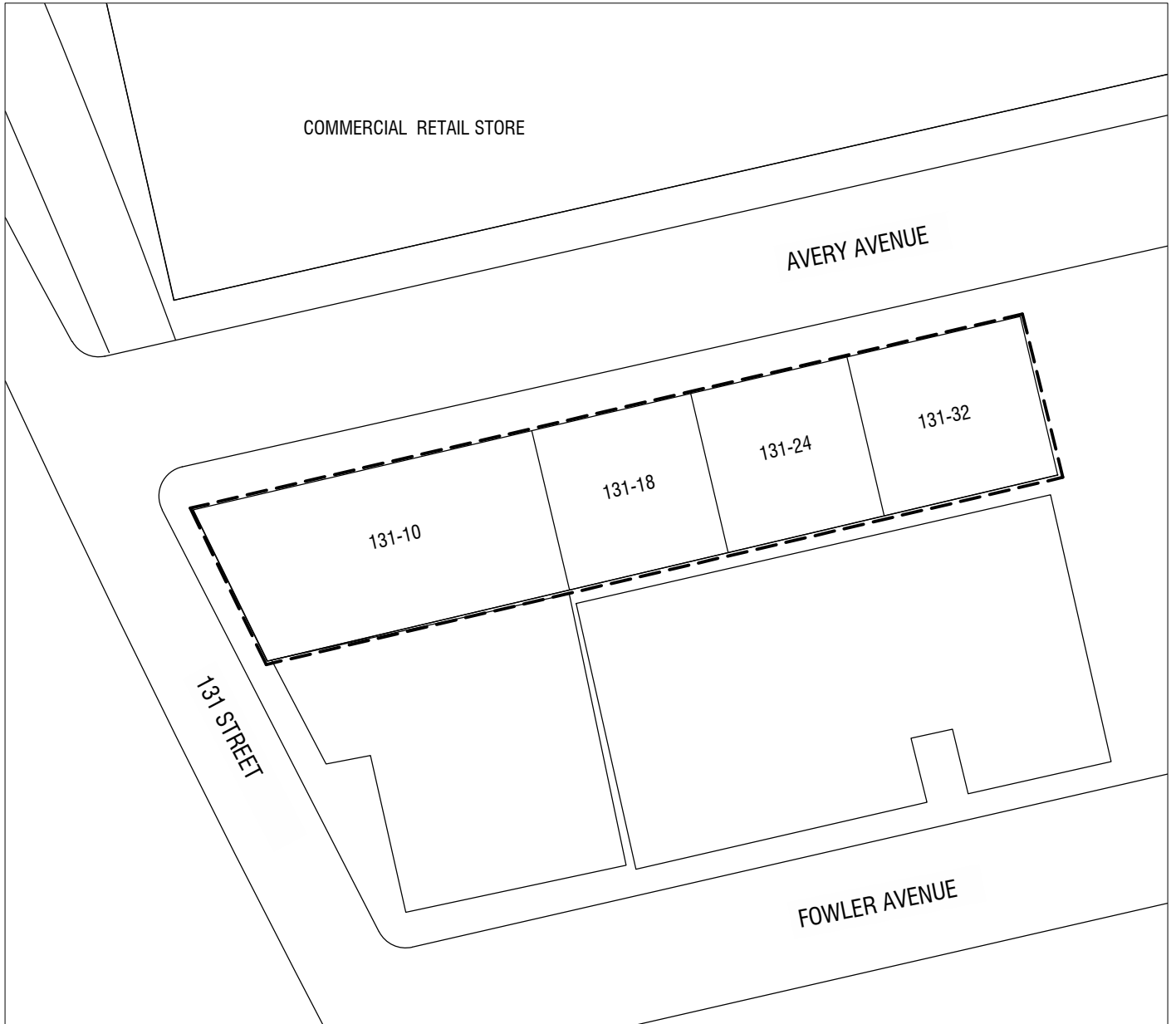
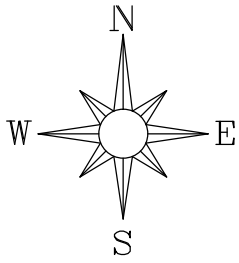
There are no known impediments to remedial action at this property.

FIGURES



Scale: 500 ft

 ATHENICA ENVIRONMENTAL SERVICES, INC. Environmental Consultants	Drawn by: ALEJANDRO MOREJON	Site Plan: 131-18 to 131-24 AVERY AVENUE FLUSHING, NY 11355
	Checked by: ETHAN RAINEY	
	Drawing Scale: AS NOTED	Figure: FIGURE 1 Title: SITE LOCATION MAP
	Project No: 14-132-0587	
	Date: May 29, 2014	



Legend:

----- PROPERTY BOUNDARY



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Site map: 131-10 to 131-32 AVERY AVENUE
FLUSHING, NY 11355

Figure: 2
Title: SITE BOUNDARY MAP

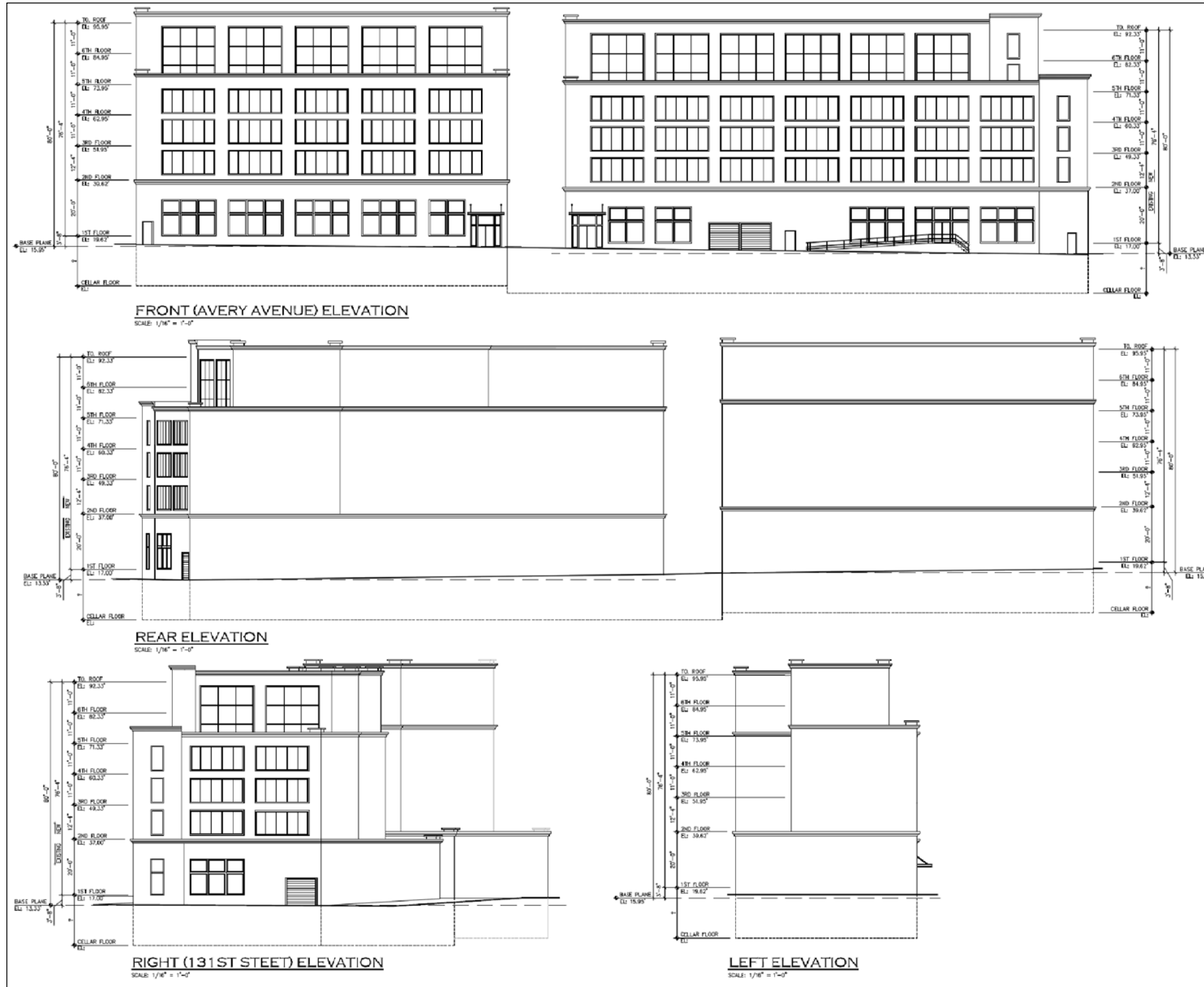
Date: JANUARY 12, 2015

Drawn by: MICHAEL MANDAC

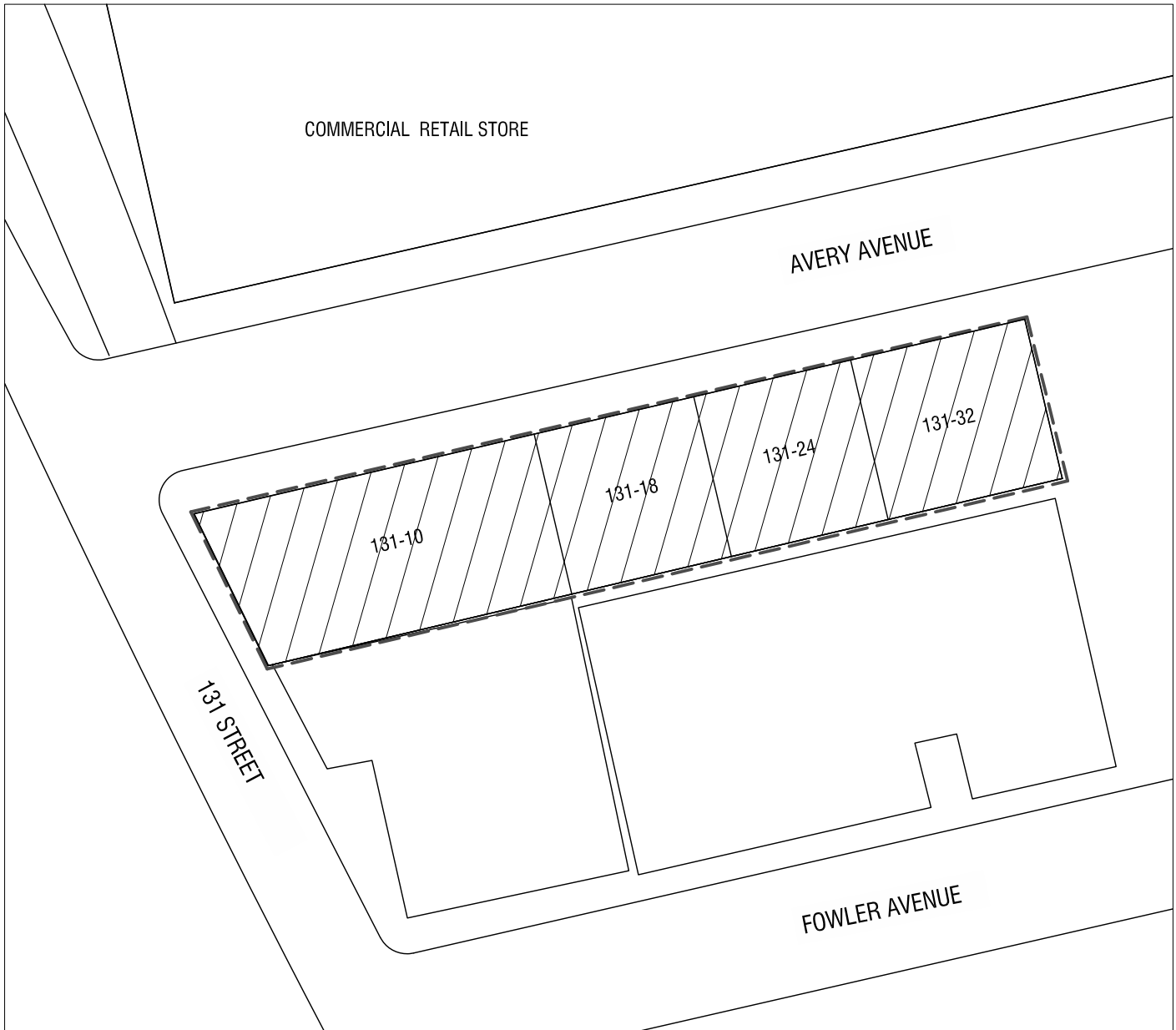
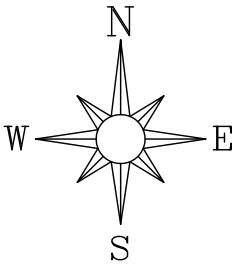
Checked by: ETHAN RAINEY

Drawing Scale: AS NOTED

Project No.: 14-133-1270

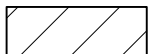


Site map:	131-18 to 131-32 AVERY AVENUE FLUSHING, NY 11355
Figure:	3
Title:	PROPOSED DEVELOPMENT PLAN
Date:	JANUARY 23, 2015
Drawn by:	ALEJANDRO MOREJON CORTINA
Checked by:	WILLIAM SILVERI
Drawing Scale:	N.T.S.
Project No.:	14-133-1269 & 14-133-1270



Legend:

----- PROPERTY BOUNDARY



AREAS OF CONCERN



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Site map: 131-10 to 131-32 AVERY AVENUE
FLUSHING, NY 11355

Figure: 4
Title: AREAS OF CONCERN

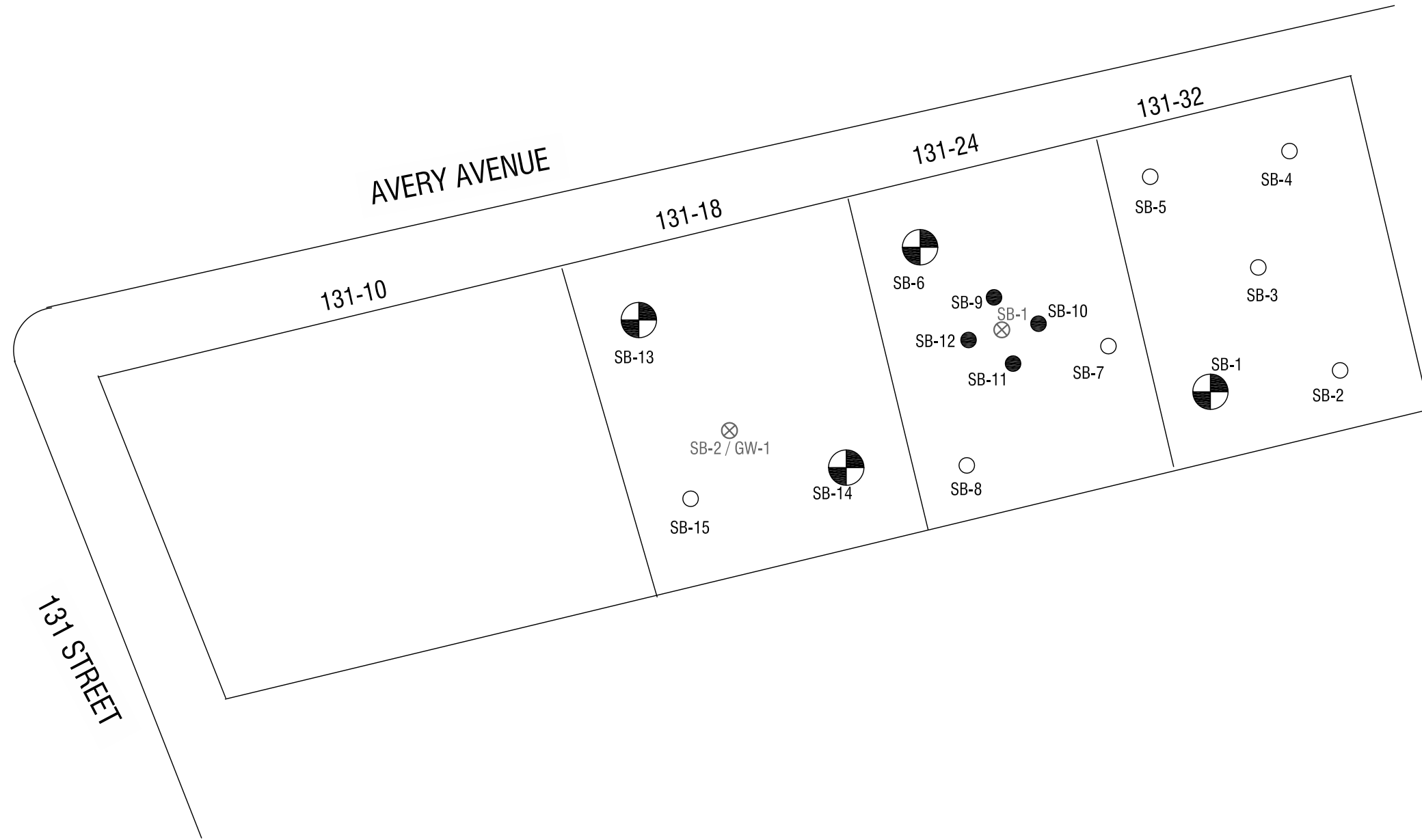
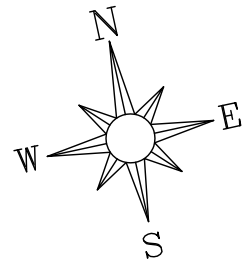
Date: JANUARY 28, 2015

Drawn by: MICHAEL MANDAC

Checked by: ETHAN RAINEY

Drawing Scale: AS NOTED

Project No.: 14-133-1270



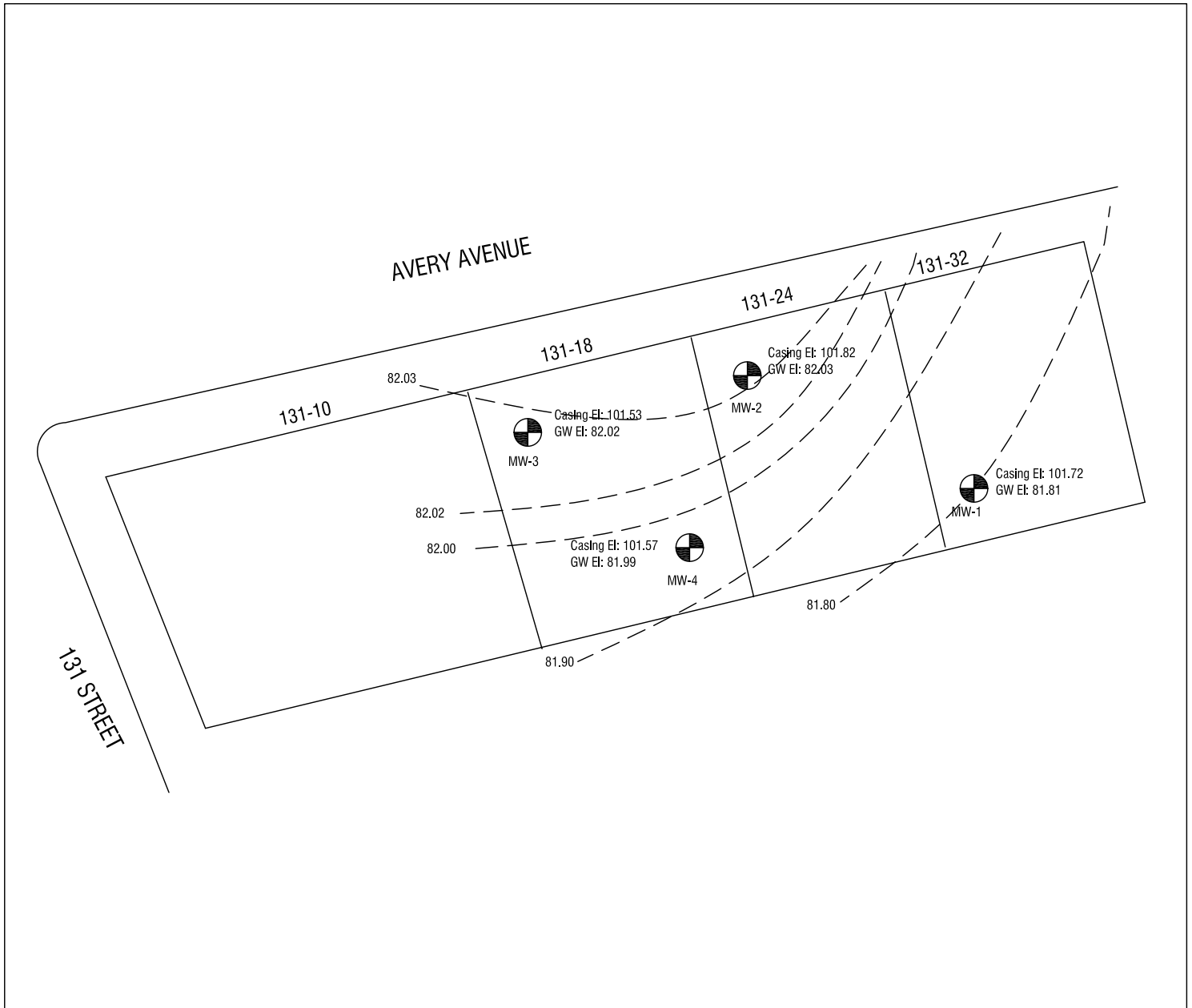
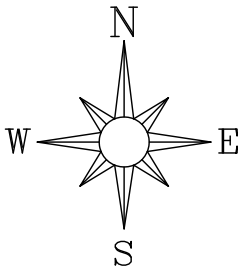
Legend:

- SB-X SOIL BORING LOCATION AND DESIGNATION NUMBER
- SB-X DELINEATION SOIL BORING LOCATION AND DESIGNATION NUMBER
- ⊗ SB-X FORMER SOIL BORING LOCATION AND DESIGNATION NUMBER



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Environmental Consultants

Site map:	131-18 to 131-32 AVERY AVENUE FLUSHING, NY 11355
Figure:	5
Title:	SAMPLING PLAN
Date:	JANUARY 28, 2015
Drawn by:	ALEJANDRO MOREJON CORTINA
Checked by:	MICHAEL MANDAC
Drawing Scale:	N.T.S.
Project No.:	14-133-1269 & 14-133-1270



Legend:



MW-X TEMPORARY GROUNDWATER WELL LOCATION AND DESIGNATION NUMBER

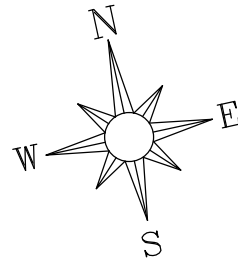
Notes:

1. Casing elevations are measure from top of the casing.
2. Groundwater elevations are relative to a reference point on Avery Avenue



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Site map:	131-18 to 131-32 AVERY AVENUE FLUSHING, NY 11355
Figure:	6
Title:	GROUNDWATER CONTOUR MAP
Date:	DECEMBER 22, 2104
Drawn by:	DIANA SECLÉN
Checked by:	ETHAN RAINEY
Drawing Scale:	AS NOTED
Project No.:	14-133-1269 & 14-133-1270



SB-6 (0'-2')		
Compounds	Part 375 SCOs-Unrestricted Use	Results
VOCs	mg/Kg	mg/Kg
Vinyl Chloride	0.02	0.025
PCBs	mg/Kg	mg/Kg
Total PCBs	0.1	48.20
SB-6 (4'-6')		
PCBs	mg/Kg	mg/Kg
Total PCBs	0.1	0.42
TAL Metals	mg/Kg	mg/Kg
Selenium	3.9	4.80
SB-6 (15'-17')		
TAL Metals	mg/Kg	mg/Kg
Selenium	3.9	4.61
Chromium Hexavalent	1	1.88

SB-9 (0'-2')		
Compounds	Part 375 SCOs-Unrestricted Use	Results
VOCs	mg/Kg	mg/Kg
cis-1,2-Dichloroethylene	0.25	40
trans-1,2-Dichloroethylene	0.19	4.1
Vinyl Chloride	0.02	0.15
SB-9 (4'-6')		
VOCs	mg/Kg	mg/Kg
cis-1,2-Dichloroethylene	0.25	3.5

SB-2 Fill (4'-6')		
Compounds	Part 375 SCOs-Unrestricted Use	Results
TAL Metals	mg/Kg	mg/Kg
Copper	50	106
Lead	63	282
Zinc	109	270

SB-10 (4'-6')		
VOCs	mg/Kg	mg/Kg
Trichloroethylene	0.47	3.6

SB-5 (0'-2')		
Compounds	Part 375 SCOs-Unrestricted Use	Results
PCBs	mg/Kg	mg/Kg
Total PCBs	0.1	0.94
TAL Metals	mg/Kg	mg/Kg
Lead	63	66.50
Selenium	3.9	4.39

SB-4 (15'-17')		
Compounds	Part 375 SCOs-Unrestricted Use	Results
TAL Metals	mg/Kg	mg/Kg
Arsenic	13	13.80
Lead	63	99.20
Nickel	30	45.30
Chromium Hexavalent	1	1.43
SVOCs	mg/Kg	mg/Kg
Benzo(a)anthracene	1	1.20
Chrysene	1	1.97

SB-3 (0'-2')		
Compounds	Part 375 SCOs-Unrestricted Use	Results
PCBs	mg/Kg	mg/Kg
Total PCBs	0.1	9.76
TAL Metals	mg/Kg	mg/Kg
Lead	63	70.50
Selenium	3.9	4.40
SB-3 (4'-6')		
TAL Metals	mg/Kg	mg/Kg
Selenium	3.9	5.29

SB-1 (0'-2')		
Compounds	Part 375 SCOs-Unrestricted Use	Results
PCBs	mg/Kg	mg/Kg
Total PCBs	0.1	34.40
TAL Metals	mg/Kg	mg/Kg
Copper	50	341
Lead	63	154
Mercury	0.18	1.76
Nickel	30	32.30
Zinc	109	175

SB-7 (0'-2')		
Compounds	Part 375 SCOs-Unrestricted Use	Results
SVOCs	mg/Kg	mg/Kg
Benzo(k)fluoranthene	0.8	0.89
Dibenzo(a,h)anthracene	0.33	0.39
Indeno(1,2,3-cd)pyrene	0.5	0.71
PCBs	mg/Kg	mg/Kg
Total PCBs	0.1	40.20
TAL Metals	mg/Kg	mg/Kg
Copper	50	65.50
Lead	63	146
Selenium	3.9	5.51
Zinc	109	140
SB-7 (15'-17')		
TAL Metals	mg/Kg	mg/Kg
Selenium	3.9	5.28
Chromium Trivalent	30	31.90

SB-13 (0'-2')		
Compounds	Part 375 SCOs-Unrestricted Use	Results
PCBs	mg/Kg	mg/Kg
Total PCBs	0.1	5.79
TAL Metals	mg/Kg	mg/Kg
Lead	63	70.8
Selenium	3.9	5.2
SB-13 (15'-17')		
PCBs	mg/Kg	mg/Kg
Total PCBs	0.1	0.37
TAL Metals	mg/Kg	mg/Kg
Selenium	3.9	4.37

SB-14 (0'-2')		
Compounds	Part 375 SCOs-Unrestricted Use	Results
PCBs	mg/Kg	mg/Kg
Total PCBs	0.1	35.60

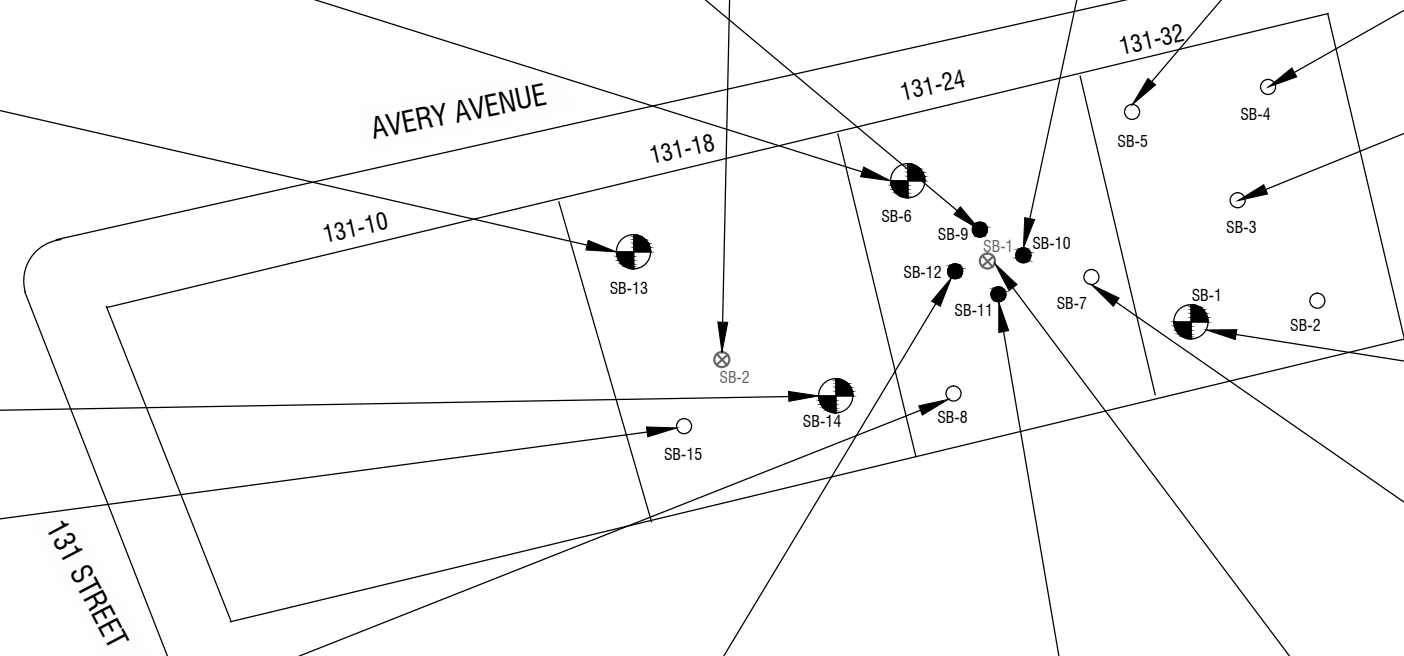
SB-15 (0'-2')		
Compounds	Part 375 SCOs-Unrestricted Use	Results
PCBs	mg/Kg	mg/Kg
Total PCBs	0.1	0.86
SB-15 (15'-17')		
TAL Metals	mg/Kg	mg/Kg
Selenium	3.9	4.18

SB-8 (0'-2')		
Compounds	Part 375 SCOs-Unrestricted Use	Results
PCBs	mg/Kg	mg/Kg
Total PCBs	0.1	54.70
TAL Metals	mg/Kg	mg/Kg
Copper	50	669
Lead	63	412
Selenium	3.9	3.95
SB-8 (15'-17')		
TAL Metals	mg/Kg	mg/Kg
Selenium	3.9	6.68

SB-12 (0'-2')		
VOCs	mg/Kg	mg/Kg
cis-1,2-Dichloroethylene	0.25	1.3
Vinyl Chloride	0.02	0.028
SB-12 (4'-6')		
VOCs	mg/Kg	mg/Kg
cis-1,2-Dichloroethylene	0.25	3.7
Tetrachloroethylene	1.3	5.7
Trichloroethylene	0.47	5.5
Vinyl Chloride	0.02	0.025

SB-11 (4'-6')		
VOCs	mg/Kg	mg/Kg
cis-1,2-Dichloroethylene	0.25	4.8
Tetrachloroethylene	1.3	3.2
trans-1,2-Dichloroethylene	0.19	0.35
Trichloroethylene	0.47	13

SB-1 (4'-6')		
Compounds	Part 375 SCOs-Unrestricted Use	Results
VOCs	mg/Kg	mg/Kg
cis-1,2-Dichloroethylene	0.25	7
Trichloroethylene	0.47	17



Legend:

- SB-X SOIL BORING LOCATION AND DESIGNATION NUMBER
- SB-X DELINEATION SOIL BORING LOCATION AND DESIGNATION NUMBER
- ⊗ SB-X EXISTING SOIL BORING LOCATION AND DESIGNATION NUMBER

NOTES:

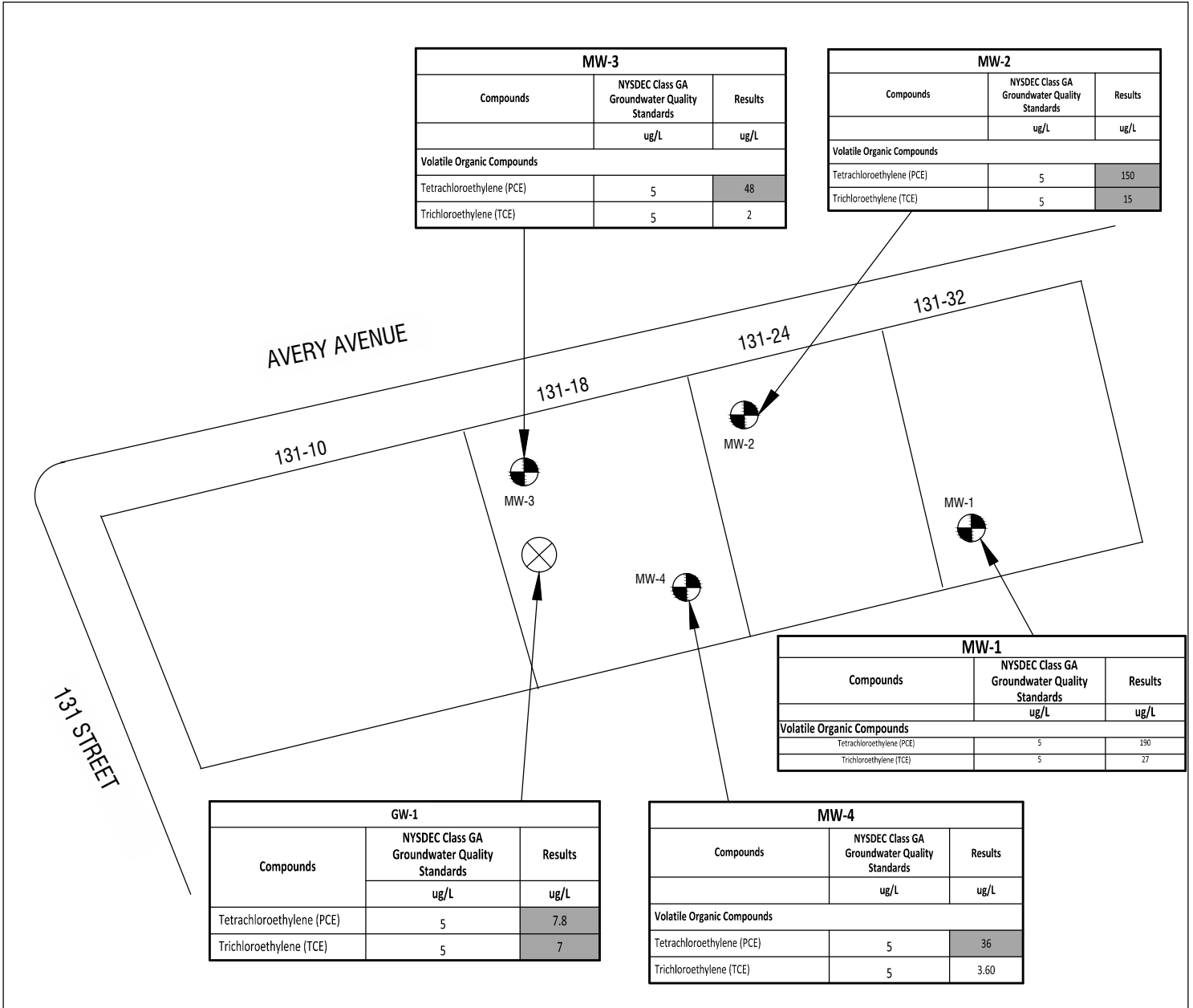
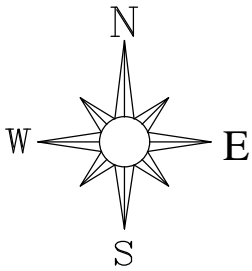
1. Bold values represent concentrations above Part 375 Unrestricted Use SCOs
2. Shaded values represent concentrations above Part 375 Restricted Residential Use SCOs

Scale:





ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Consultants

Site map:	131-18 to 131-32 AVERY AVENUE FLUSHING, NY 11355
Figure:	7
Title:	EXCEEDANCES IN SOIL SAMPLES
Date:	JANUARY 22, 2015
Drawn by:	ALEJANDRO MOREJON CORTINA
Checked by:	WILLIAM SILVERI
Drawing Scale:	N.T.S.
Project No.:	14-133-1269 & 14-133-1270

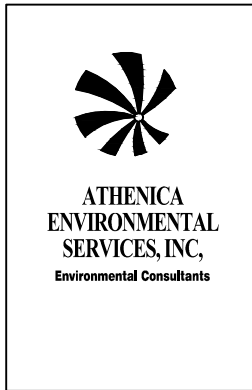


Legend:

 MW-X TEMPORARY GROUNDWATER WELL LOCATION AND DESIGNATION NUMBER

 GW-1 GROUNDWATER SAMPLING LOCATION AND DESIGNATION NUMBER

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



Site map: 131-18 to 131-32 AVERY AVENUE FLUSHING, NY 11355

Figure: 8
 Title: PCE & TCE EXCEEDANCES IN GROUNDWATER

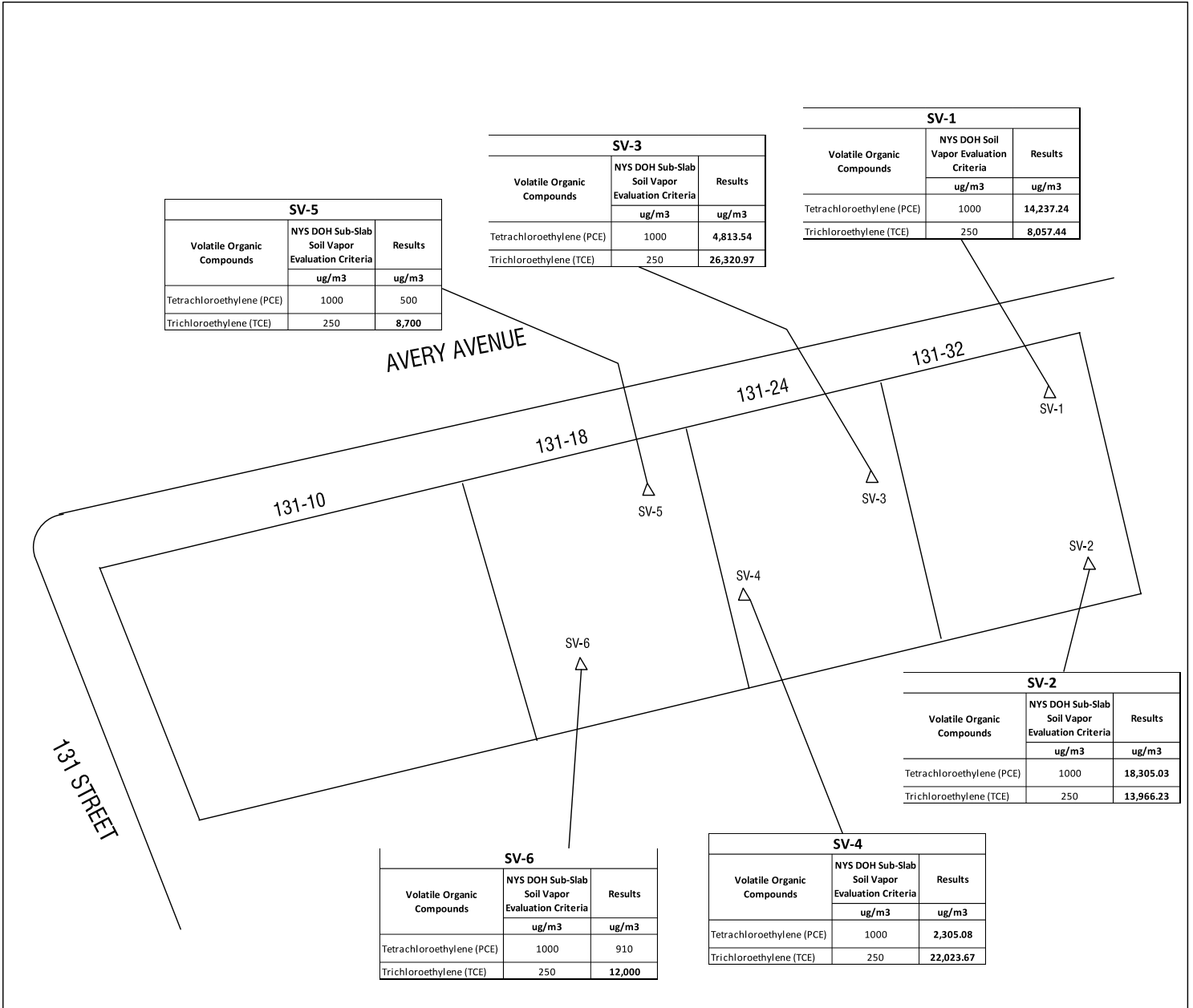
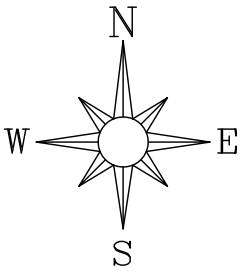
Date: JANUARY 22, 2015

Drawn by: EZGI KARAYEL

Checked by: MICHAEL MANDAC

Drawing Scale: AS NOTED

Project No.: 14-133-1269 & 14-133-1270



Legend:

△ SV-X SOIL VAPOR BORING LOCATION AND DESIGNATION NUMBER

Notes:

1. Evaluation criteria for soil vapor is the sub-slab vapor concentration for the Matrix 1 and Matrix 2 compounds presented in the NYSDOH Soil Vapor Intrusion Guidance document dated October 2006
2. Shaded bold values are detected compounds that exceed the evaluation criteria



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Environmental Consultants

Site map: 131-18 to 131-32 AVERY AVENUE FLUSHING, NY 11355

Figure: 9
Title: EXCEEDANCES IN SOIL VAPOR

Date: JANUARY 14, 2015

Drawn by: EZGI KARAYEL

Checked by: MICHAEL MANDAC

Drawing Scale: AS NOTED

Project No.: 14-133-1269 & 14-133-1270

TABLES

Table 1
Groundwater Monitoring Data - August 2014
Avery Avenue, Queens, NY

Monitoring Well ID	Gauging Date	Reference Elevation (feet)	Relative Well Elevation (feet)	Top of PVC Casing Elevation (feet)	Depth to Water (feet)	Depth to Product	Groundwater Elevation (feet)
MW-1	10/29/2014			101.72	19.91	ND	81.81
MW-2	10/29/2014			101.82	19.79	ND	82.03
MW-3	10/31/2014			101.53	19.51	ND	82.02
MW-4	10/31/2014			101.57	19.58	ND	81.99

Notes:

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

Table 4
Pesticides and PCBs in Soil Samples
131-18 and 131-24 Avery Avenue, Queens

Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	SB-1 (4'-6')	SB-2 (13'-15')	SB-2-Fill (4'-6')	SB-1 (0'-2')	SB-1 (15'-17')	SB-2 (0'-2')	SB-2 (15'-17')	SB-3 (0'-2')	SB-3 (4'-6')	SB-3 (15'-17')	SB-4 (0'-2')	SB-4 (15'-17')	SB-5 (0'-2')	SB-5 (13'-15')	SB-6 (0'-2')	SB-6 (4'-6')	SB-6 (15'-17')	SB-7 (0'-2')	SB-7 (15'-17')	SB-8 (0'-2')	SB-8 (15'-17')	SB-13 (0'-2')	SB-13 (15'-17')	SB-14 (0'-2')	SB-14 (15'-17')	SB-15 (0'-2')	SB-15 (15'-17')	
Sample Depth (feet)	Lab Sample ID	Dilution Factor	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
Sampling Date	Sample Matrix	Unit Measure	5/21/2014 Soil	5/21/2014 Soil	5/21/2014 Soil	10/27/2014 Soil	10/27/2014 Soil	10/27/2014 Soil	10/27/2014 Soil	10/28/2014 Soil	10/28/2014 Soil	10/28/2014 Soil	10/28/2014 Soil	10/28/2014 Soil	10/28/2014 Soil	10/28/2014 Soil	10/28/2014 Soil	10/28/2014 Soil	10/28/2014 Soil	10/28/2014 Soil	10/28/2014 Soil	10/28/2014 Soil	10/28/2014 Soil	10/29/2014 Soil	10/29/2014 Soil	10/29/2014 Soil	10/29/2014 Soil	10/29/2014 Soil		
4,4'-DDD	0.0033	13	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	
4,4'-DDE	0.0033	8.9	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	
4,4'-DDT	0.0033	7.9	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	
Aldrin	0.005	0.097	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	
alpha-BHC	0.02	0.48	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	
alpha-Chlordane	0.094	4.2	NT	NT	NT	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	
beta-BHC	0.036	0.36	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	
Chlordane, total	NC	NC	0.0070 ND	0.0066 ND	0.0069 ND	0.069 ND	0.066 ND	0.068 ND	0.066 ND	0.068 ND	0.074 ND	0.066 ND	0.067 ND	0.069 ND	0.069 ND	0.067 ND	0.069 ND	0.073 ND	0.070 ND	0.067 ND	0.072 ND	0.069 ND	0.071 ND	0.070 ND	0.069 ND	0.070 ND	0.067 ND	0.068 ND	0.070 ND	
delta-BHC	0.04	100	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	
Dieldrin	0.005	0.2	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	
Endosulfan I	2.4	24	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	
Endosulfan II	2.4	24	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	
Endosulfan sulfate	2.4	24	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	
Endrin	0.014	11	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	
Endrin aldehyde	NC	NC	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	
Endrin ketone	NC	NC	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	
gamma-BHC (Lindane)	0.1	1.3	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	
gamma-Chlordane	NC	NC	NT	NT	NT	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	
Heptachlor	0.042	2.1	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	
Heptachlor epoxide	NC	NC	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	0.0017 ND	
Methoxychlor	NC	NC	0.0087 ND	0.0083 ND	0.0086 ND	0.0086 ND	0.0083 ND	0.0085 ND	0.0083 ND	0.0085 ND	0.0083 ND	0.0085 ND	0.0092 ND	0.0083 ND	0.0084 ND	0.0086 ND	0.0087 ND	0.0084 ND	0.0088 ND	0.0083 ND	0.0089 ND	0.0086 ND	0.0089 ND	0.0088 ND	0.0089 ND	0.0088 ND	0.0083 ND	0.0083 ND	0.0085 ND	0.0088 ND
Toxaphene	NC	NC	0.088 ND	0.084 ND	0.087 ND	0.087 ND	0.084 ND	0.086 ND	0.084 ND	0.086 ND	0.093 ND	0.084 ND	0.085 ND	0.087 ND	0.088 ND	0.085 ND	0.087 ND	0.092 ND	0.089 ND	0.084 ND	0.090 ND	0.087 ND	0.090 ND	0.089 ND	0.089 ND	0.088 ND	0.084 ND	0.086 ND	0.089 ND	
PCBs / Dilution Factor			5	5	5	50	1	1	1	20	1	1	1	1	1	100	1	1	100	1	1	1	10	1	50	1	1	1		
Aroclor 1016	NC	NC	0.018 ND	0.017 ND	0.018 ND	0.87 ND	0.017 ND	0.017 ND	0.017 ND	0.34 ND	0.019 ND	0.017 ND	0.017 ND	0.017 ND	0.018 ND	0.017 ND	1.73 ND	0.018 ND	0.018 ND	1.68 ND	0.018 ND	1.74 ND	0.018 ND	0.18 ND	0.017 ND	0.88 ND	0.017 ND	0.017 ND	0.018 ND	
Aroclor 1221	NC	NC	0.018 ND	0.017 ND	0.018 ND	0.87 ND	0.017 ND	0.017 ND	0.017 ND	0.34 ND	0.019 ND	0.017 ND	0.017 ND	0.017 ND	0.018 ND	0.017 ND	1.73 ND	0.018 ND	0.018 ND	1.68 ND	0.018 ND	1.74 ND	0.018 ND	0.18 ND	0.017 ND	0.88 ND	0.017 ND	0.017 ND	0.018 ND	
Aroclor 1232	NC	NC	0.018 ND	0.017 ND	0.018 ND	0.87 ND	0.017 ND	0.017 ND	0.017 ND	0.34 ND	0.019 ND	0.017 ND	0.017 ND	0.017 ND	0.018 ND	0.017 ND	1.73 ND	0.018 ND	0.018 ND	1.68 ND	0.018 ND	1.74 ND	0.018 ND	0.18 ND	0.017 ND	0.88 ND	0.017 ND	0.017 ND	0.018 ND	
Aroclor 1242	NC	NC	0.018 ND	0.017 ND	0.018 ND	0.87 ND	0.017 ND	0.017 ND	0.017 ND	0.34 ND	0.019 ND	0.017 ND	0.017 ND	0.017 ND	0.018 ND	0.017 ND	1.73 ND	0.018 ND	0.018 ND	1.68 ND	0.018 ND	1.74 ND	0.018 ND	0.18 ND	0.017 ND	0.88 ND	0.017 ND	0.017 ND	0.018 ND	
Aroclor 1248	NC	NC	0.018 ND	0.017 ND	0.018 ND	0.87 ND	0.017 ND	0.017 ND	0.017 ND	0.34 ND	0.019 ND	0.017 ND	0.017 ND	0.017 ND	0.018 ND	0.017 ND	1.73 ND	0.018 ND	0.018 ND	1.68 ND	0.018 ND	1.74 ND	0.018 ND	0.18 ND	0.017 ND	0.88 ND	0.017 ND	0.017 ND	0.018 ND	
Aroclor 1254	NC	NC	0.018 ND	0.017 ND	0.029	34.40 D	0.017 ND	0.062	0.017 ND	9.76 D	0.067	0.070	0.017 ND	0.077	0.94	0.017 ND	48.20 D	0.42	0.018 ND	40.20 D	0.097	54.70 D	0.034	5.79 D	0.37	35.60 D	0.025	0.86	0.047	
Aroclor 1260	NC	NC	0.018 ND	0.017 ND	0.018 ND	0.87 ND	0.017 ND	0.017 ND	0.017 ND	0.34 ND	0.019 ND	0.017 ND	0.017 ND	0.017 ND	0.018 ND	0.017 ND	1.73 ND	0.018 ND	0.018 ND	1.68 ND	0.018 ND	1.74 ND	0.018 ND	0.18 ND	0.017 ND	0.88 ND	0.017 ND	0.017 ND	0.018 ND	
Total PCBs	0.1	1	0.0072 ND	0.0068 ND	0.																									

Table 5
TAL Metals in Soil Samples
131-18 and 131-24 Avery Avenue, Queens

Sample ID	NYSDEC Part 375	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Residential	SB-1 (4'-6')	SB-2 (13'-15')	SB-2-Fill (4'-6')	SB-1 0'-2'	SB-1 15'-17'	SB-2 0'-2'	SB-2 15'-17'	SB-3 0'-2'	SB-3 4'-6'	SB-3 15'-17'	SB-4 0'-2'	SB-4 15'-17'	SB-5 0'-2'	SB-5 15'-17'	SB-6 0'-2'	SB-6 4'-6'	SB-6 15'-17'	SB-7 0'-2'	SB-7 15'-17'	SB-8 0'-2'	SB-8 15'-17'	SB-13 0'-2'	SB-13 15'-17'	SB-14 0'-2'	SB-14 15'-17'	SB-15 0'-2'	SB-15 15'-17'
Sample Depth (feet)	Unrestricted Use Soil Cleanup Objectives	Restricted Residential	14E0963-01	14E0963-02	14E0963-03	14J1078-01	14J1078-02	14J1078-03	14J1078-04	14J1199-01	14J1199-02	14J1199-03	14J1199-06	14J1199-07	14J1199-04	14J1199-05	14J1193-01	14J1193-02	14J1193-03	14J1193-06	14J1193-07	14J1193-04	14J1193-05	14J1187-05	14J1187-06	14J1187-01	14J1187-02	14J1187-03	14J1187-04
Lab Sample ID	5	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Dilution Factor	5	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Sampling Date	5/21/2014	5/21/2014	5/21/2014	5/21/2014	5/21/2014	10/27/2014	10/27/2014	10/27/2014	10/27/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/28/2014	10/29/2014	10/29/2014	10/29/2014	10/29/2014	10/29/2014	
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
Unit Measure			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Aluminum	NC	NC	7,490	3,390	4,780	4,780 B	1,580 B	4,430 B	1,670 B	5,550	16,600	2,550	2,960	3,220	5,460	4,570	3,680	9,820	7,680	5,570	13,400	6,160	13,200	4,590 B	7,180 B	2,600 B	3,630 B	2,580 B	9,520 B
Antimony	NC	NC	0.53 ND	0.50 ND	0.80	0.55	0.50 ND	0.52 ND	0.50 ND	0.51 ND	0.56 ND	0.50 ND	0.51 ND	0.73	0.53 ND	0.51 ND	0.52	0.55 ND	0.53 ND	0.51 ND	0.54 ND	0.52 ND	0.54 ND	0.53 ND	0.53 ND	0.50 ND	0.52 ND	0.53 ND	0.53 ND
Arsenic	13	16	3.98	1 ND	4.87	8.14	1.01 ND	1.23	1 ND	4.28	5	1 ND	1.01 ND	13.80	7.67	1.07	2.34	4.50	1.58	3.69	1.31	2.67	1.56	5.04	1.05	1.51	1.01 ND	1.32	3.06
Barium	350	400	58.50	17.50	218	335	15.60	24.50	17.70	53.90	49.80	18.90	23.90	70.20	64	26.60	35.70	62.60	38.50	47.90	75.30	44.30	112	76.40	50	27.60	20.20	37.10	26
Beryllium	7.2	72	0.11 ND	0.10 ND	0.10 ND	0.10 ND	0.10 ND	0.10 ND	0.10 ND	0.10 ND	0.11 ND	0.10 ND	0.10 ND	0.10 ND	0.11 ND	0.10 ND	0.10 ND	0.11 ND	0.11 ND	0.10 ND	0.11 ND	0.10 ND	0.11 ND	0.11 ND	0.11 ND	0.10 ND	0.11 ND	0.10 ND	0.11 ND
Cadmium	2.5	4.3	0.32 ND	0.30 ND	0.31 ND	0.31 ND	0.30 ND	0.31 ND	0.30 ND	0.31 ND	0.34 ND	0.30 ND	0.30 ND	0.31 ND	0.32 ND	0.30 ND	0.31 ND	0.33 ND	0.32 ND	0.30 ND	0.33 ND	0.54	0.33 ND	0.32 ND	0.31 ND	0.32 ND	0.31 ND	0.32 ND	0.31 ND
Calcium	NC	NC	1,450	206	13,100	102,000	795	732	473	60,200	1,180	993	624	4,810	60,600	706	11,700	1,380	761	28,900	1,160	10,400	1,710	110,000 BE	786 B	12,100 B	266 B	3,740 B	840 B
Chromium	NC	NC	13.10	9.20	17.60	13.60	4.68	11.20	5.35	13.10	25.90	7.57	6	12.40	12.80	14.20	8.93	18.70	20.50	14.30	31.90	16.20	28.50	9.88	18.40	7.84	10.90	20.40	18.70
Cobalt	NC	NC	5.82	4.54	5.35	12.90	4.06	4.45	2.53	5.04	10	3.28	3.23	10.30	6.51	4.63	4.15	6.65	7.58	5.33	13.80	5.98	12.40	4.41	11.20	3.37	4.27	3.90	8.47
Copper	50	270	17	5.97	106	341	8.89	11	7.15	27.50	11.80	8.30	6.11	44.40	21.80	9.02	11.20	19	16.10	65.50	25.70	669	34.20	18	12.40	9.24	6.06	11.10	8.88
Iron	NC	NC	14,900	7,840	16,400	11,500	6,580	9,890	5,340	13,400	26,100	7,890	6,450	12,200	13,000	11,100	10,600	17,300	19,000	12,500	23,700	14,400	26,600	17,100 B	16,600 B	10,100 B	8,310 B	10,800 B	19,000 B
Lead	63	400	39.50	1.98	282	154	1.35	4.37	1.12	70.50	10.50	2.41	2.43	99.20	66.50	3.49	31.70	54.80	5.50	146	5.53	412	5.61	70.80	3.67	17.90	2.35	31.30	5.88
Magnesium	NC	NC	1,600	1,030	1,720	10,000	931	1,340	816	5,420	2,920	981	1,220	878	5,880	1,330	2,130	1,740	1,660	8,840	3,120	2,910	3,310	12,200	2,920	2,300	1,170	1,190	2,280
Manganese	1600	2000	432	107	369	1,090	233	236	254	313	365	214	232	73.80	295	236	167	457	319	266	488	266	950	375	255	151	98.50	193	312
Mercury	0.18	0.81	0.035 ND	0.033 ND	0.053	1.76	0.030 ND	0.031 ND	0.030 ND	0.092	0.062	0.030 ND	0.030 ND	0.083	0.083	0.030 ND	0.10	0.16	0.032 ND	0.059	0.033 ND	0.12	0.033 ND	0.073	0.031 ND	0.063	0.030 ND	0.033	0.032 ND
Nickel	30	310	18.70	11.70	19.40	32.30	9.59	12.50	7.72	17.50	21.50	9.25	8.02	45.30	22.30	11	10.70	15.90	14.50	15.50	23.40	17.40	25.50	16	18.40	10.60	12	17.20	17.20
Potassium	NC	NC	420	661	899	900	352	500	374	887	855	435	483	513	896	523	711	405	1,090	687	2,550	697	1,990	933 B	2,250 B	722 B	918 B	695 B	674 B
Selenium	3.9	180	1.34	1 ND	1.26	2.74	1.01 ND	1.03 ND	1 ND	4.40	5.29	1.86	1.83	3.16	4.39	2.85	3.25	4.80	4.61	5.51	5.28	3.95	6.68	5.20	4.37	3.33	2.26	2.85	4.18
Silver	2	180	0.53 ND	0.50 ND	0.52 ND	0.52 ND	0.50 ND	0.52 ND	0.50 ND	0.51 ND	0.56 ND	0.50 ND	0.51 ND	0.52 ND	0.53 ND	0.51 ND	0.52 ND	0.55 ND	0.53 ND	0.51 ND	0.54 ND	0.52 ND	0.54 ND	0.53 ND	0.52 ND	0.53 ND	0.50 ND	0.52 ND	0.53 ND
Sodium	NC	NC	10.50 ND	10 ND	116	283	143	132	119	129	60	76.80	45	252	123	31.80	68.20	63.10	89.10	71.60	67.60	60.90	139	99.60	85.20	34.70	10.10 ND	25.20	28.60
Thallium	NC	NC	1.05 ND	1 ND	1.04 ND	1.04 ND	1.01 ND	1.03 ND	1 ND	1.02 ND	1.12 ND	1 ND	1.01 ND	1.04 ND	1.05 ND	1.01 ND	1.04 ND	1.10 ND	1.07 ND	1.01 ND	1.08 ND	1.04 ND	1.08 ND	1.07 ND	1.04 ND	1.06 ND	1.01 ND	1.03 ND	1.07 ND
Vanadium	NC	NC	18.50	11.90	18.50	18.30	7.74	14.80	6.63	22.30	37.30	9.42	12.40	30.30	26.80	16.60	13.80	22.50	29.10	24.60	45.10	21.70	47.70	15.40	25.20	10.50	11.10	11.10	26.30
Zinc	109	10000	38.50	13.30	270	175	15.30	51.80	8.56	64.50	35.50	11.60	12	20.70	44.50	13.90	29.60	56.70	24.50	140	35.10	88.20	34.70	54.20 B	29.90 B	23.80 B	13.10 B	32.60 B	23 B
Chromium, Hexavalent	1	110	0.53 ND	0.50 ND	0.52 ND	0.52 ND	0.50 ND	0.52 ND	0.50 ND	0.51 ND	0.56 ND	0.50 ND	0.51 ND	1.43	0.53 ND	0.51 ND	0.52 ND	0.55 ND	1.88	0.51 ND	0.54 ND	0.52 ND	0.54 ND	0.53 ND	0.52 ND	0.53 ND	0.50 ND	0.52 ND	0.53 ND
Chromium, Trivalent	30	180	12.40	9.16	16.90	13.60	4.68	11.20	5.35	13.10	25.90	7.57	6	11	12.80	14.20	8.93	18.70	18.60	14.30	31.90	16.20	28.50	9.27	17.70	7.40	10.80	19.70	17.50

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

Table 6
Summary of Groundwater Sampling Results
Target Compound List VOCs
131-18 to 131-32 Avery Avenue,
Queens, NY

Sample ID	NYSDEC Class GA Groundwater Standard/Guidance Value	GW-1 14E0922-01 5/21/2014	MW-1 14J1194-01 10/29/2014	MW-2 14J1194-02 10/29/2014	MW-3 14J1280-01 10/31/2014	MW-4 14J1280-02 10/31/2014	Field Blank 14J1194-03 10/29/2014	Trip Blank 14J1194-04 10/29/2014	Field Blank 14J1280-03 10/31/2014	Trip Blank 14J1280-04 10/31/2014	
Dilution Factor		1	20	20	2	10	1	1	1	1	
Unit of Measure	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	
1,1,1,2-Tetrachloroethane	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
1,1,1-Trichloroethane	5	0.93	ND	0.20	ND	0.54	ND	0.93	ND	0.20	ND
1,1,2,2-Tetrachloroethane	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	1.50	ND	0.20	ND	0.20	ND	0.54	JD	0.20	ND
1,1,2-Trichloroethane	1	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
1,1-Dichloroethane	5	6		1.10		4.40	D	8		0.20	ND
1,1-Dichloroethylene	5	2		0.39	J	1.20		2.30	D	0.20	ND
1,2,4-Trichlorobenzene	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
1,2,4-Trimethylbenzene	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
1,2-Dibromo-3-chloropropane	0.04	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
1,2-Dibromoethane	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
1,2-Dichlorobenzene	3	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
1,2-Dichloroethane	0.6	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
1,2-Dichloropropane	1	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
1,3,5-Trimethylbenzene	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
1,3-Dichlorobenzene	3	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
1,4-Dichlorobenzene	3	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
1,4-Dioxane	~	40	ND	40	ND	40	ND	40	ND	40	ND
2-Butanone	50	0.50	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
2-Hexanone	50	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
4-Methyl-2-pentanone	~	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Acetone	50	1.50	JB	1	ND	1	ND	1	ND	1	ND
Acrolein	~	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Acrylonitrile	~	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Benzene	1	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Bromodichloromethane	50	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Bromoform	50	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Bromomethane	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Carbon disulfide	~	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Carbon tetrachloride	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Chlorobenzene	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Chloroethane	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Chloroform	7	0.32	J	0.29	J	0.66	J	0.32	J	0.20	ND
Chloromethane	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
cis-1,2-Dichloroethylene	5	3.70		4.10		8.40	D	3.20	D	0.20	ND
cis-1,3-Dichloropropylene	0.4	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Dibromochloromethane	50	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Dibromomethane	~	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Dichlorodifluoromethane	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Ethyl Benzene	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Hexachlorobutadiene	0.5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Isopropylbenzene	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Methyl acetate	~	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Methyl tert-butyl ether (MTBE)	10	1.20		0.51		1.10		1.30	D	1.70	D
Methylene chloride	5	1	ND	1	ND	1	ND	1	ND	4.50	J
n-Butylbenzene	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
n-Propylbenzene	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
o-Xylene	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
p- & m- Xylenes	5	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
p-Isopropyltoluene	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
sec-Butylbenzene	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Styrene	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
tert-Butyl alcohol (TBA)	~	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND
tert-Butylbenzene	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Tetrachloroethylene	5	7.80		190	D	150	D	48	D	36	D
Toluene	5	0.75		0.20	ND	0.20	ND	0.40	ND	0.20	ND
trans-1,2-Dichloroethylene	5	0.20	ND	0.20	ND	0.32	J	0.40	ND	0.20	ND
trans-1,3-Dichloropropylene	0.4	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Trichloroethylene	5	7		27		15		2	D	3.60	D
Trichlorofluoromethane	5	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND
Vinyl Chloride	2	0.50	ND	0.20	ND	0.20	ND	0.40	ND	0.20	ND
Xylenes, Total	5	0.60	ND	0.60	ND	0.60	ND	1.20	ND	0.60	ND

Legend

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

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

Notes

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

Table 7
Summary of Groundwater Sampling Results
Target Compound List SVOCs
131-18 to 131-32 Avery Avenue, Queens, NY

Sample ID	NYSDEC Class GA Groundwater Standard/Guidance Value	GW-1 14E0922-01 5/21/2014	MW-1 14J1194-01 10/29/2014	MW-2 14J1194-02 10/29/2014	MW-3 14J1280-01 10/31/2014	MW-4 14J1280-02 10/31/2014	Field Blank 14J1194-03 10/29/2014	Field Blank 14J1280-03 10/31/2014
Lab Sample ID		1	1	1	1	1	1	1
Date Sampled		1	1	1	1	1	1	1
Dilution Factor		1	1	1	1	1	1	1
Unit of Measure	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
1,1'-Biphenyl	NC	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
1,2,4,5-Tetrachlorobenzene	NC	NT	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
1,2,4-Trichlorobenzene	5	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
1,2-Dichlorobenzene	3	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
1,2-Diphenylhydrazine (as Azobenzene)	NC	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
1,3-Dichlorobenzene	3	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
1,4-Dichlorobenzene	3	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
2,3,4,6-Tetrachlorophenol	NC	NT	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
2,4,5-Trichlorophenol	1	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
2,4,6-Trichlorophenol	1	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
2,4-Dichlorophenol	5	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
2,4-Dimethylphenol	50	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
2,4-Dinitrophenol	10	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
2,4-Dinitrotoluene	5	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
2,6-Dinitrotoluene	5	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
2-Chloronaphthalene	10	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
2-Chlorophenol	1	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
2-Methylnaphthalene	NC	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
2-Methylphenol	1	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
2-Nitroaniline	5	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
2-Nitrophenol	1	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
3- & 4-Methylphenols	NC	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
3,3'-Dichlorobenzidine	5	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
3-Nitroaniline	5	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
4,6-Dinitro-2-methylphenol	NC	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
4-Bromophenyl phenyl ether	NC	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
4-Chloro-3-methylphenol	1	NT	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
4-Chloroaniline	5	NT	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
4-Chlorophenyl phenyl ether	NC	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
4-Nitroaniline	5	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
4-Nitrophenol	1	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
Acenaphthene	20	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND
Acenaphthylene	NC	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND
Acetophenone	NC	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
Aniline	5	NT	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
Anthracene	50	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND
Atrazine	NC	0.51 ND	0.53 ND	0.51 ND	0.53 ND	0.51 ND	0.53 ND	0.51 ND
Benzaldehyde	NC	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
Benzidine	NC	10.30 ND	10.50 ND	10.30 ND	10.50 ND	10.30 ND	10.50 ND	10.30 ND
Benzo(a)anthracene	0.002	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND
Benzo(a)pyrene	0.002	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND
Benzo(b)fluoranthene	0.002	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND
Benzo(g,h,i)perylene	NC	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND
Benzo(k)fluoranthene	0.002	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND
Benzoic acid	NC	25.60 ND	26.30 ND	25.60 ND	26.30 ND	25.60 ND	26.30 ND	25.60 ND
Benzyl alcohol	NC	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
Benzyl butyl phthalate	50	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
Bis(2-chloroethoxy)methane	5	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
Bis(2-chloroethyl)ether	1	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
Bis(2-chloroisopropyl)ether	5	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
Bis(2-ethylhexyl)phthalate	5	0.51 ND	0.53 ND	1.20 B	2.12 B	3.75 B	0.53 ND	0.70 B
Caprolactam	NC	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
Carbazole	NC	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
Chrysene	0.002	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND
Dibenzo(a,h)anthracene	NC	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND
Dibenzofuran	NC	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
Diethyl phthalate	50	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
Dimethyl phthalate	50	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
Di-n-butyl phthalate	50	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
Di-n-octyl phthalate	50	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
Fluoranthene	50	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND
Fluorene	50	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND	0.35 ND	0.051 ND
Hexachlorobenzene	0.04	0.021 ND	0.021 ND	0.021 ND	0.021 ND	0.021 ND	0.021 ND	0.021 ND
Hexachlorobutadiene	0.5	0.51 ND	0.53 ND	0.51 ND	0.53 ND	0.51 ND	0.53 ND	0.51 ND
Hexachlorocyclopentadiene	5	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
Hexachloroethane	5	0.51 ND	0.53 ND	0.51 ND	0.53 ND	0.51 ND	0.53 ND	0.51 ND
Indeno(1,2,3-cd)pyrene	0.002	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND
Isophorone	50	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
Naphthalene	10	0.051 ND	0.063 ND	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND
Nitrobenzene	0.4	0.26 ND	0.26 ND	0.26 ND	0.26 ND	0.26 ND	0.26 ND	0.26 ND
N-Nitrosodimethylamine	NC	0.51 ND	0.53 ND	0.51 ND	0.53 ND	0.51 ND	0.53 ND	0.51 ND
N-nitroso-di-n-propylamine	NC	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
N-Nitrosodiphenylamine	50	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
Pentachlorophenol	1	0.26 ND	0.26 ND	0.26 ND	0.26 ND	0.26 ND	0.26 ND	0.26 ND
Phenanthrene	50	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND
Phenol	1	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND	2.63 ND	2.56 ND
Pyrene	50	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND	0.053 ND	0.051 ND

Legend

ug/L - micrograms per liter
 ND - Concentration less than the minimum detection limit.
 NC - No evaluation criterion for analytical parameter
 NT - Analyte not tested for
 D - Sample required dilution

Notes

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

Table 8
Summary of Groundwater Sampling Results
Target Compound List Pesticides and PCBs
131-18 to 131-32 Avery Avenue,
Queens, NY

Sample ID	NYSDEC Class GA Groundwater Standard/Guidance Value	GW-1 14E0922-01 5/21/2014 1 (ug/L)	MW-1 14J1194-01 10/29/2014 1 (ug/L)	MW-2 14J1194-02 10/29/2014 1 (ug/L)	MW-3 14J1280-01 10/31/2014 1 (ug/L)	MW-4 14J1280-02 10/31/2014 1 (ug/L)	Field Blank 14J1194-03 10/29/2014 1 (ug/L)	Field Blank 14J1280-03 10/31/2014 1 (ug/L)
PESTICIDES								
4,4'-DDD	0.3	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0042 ND	0.0041 ND
4,4'-DDE	0.2	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0042 ND	0.0041 ND
4,4'-DDT	0.2	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0042 ND	0.0041 ND
Aldrin	NC	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0042 ND	0.0041 ND
alpha-BHC	0.01	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0042 ND	0.0041 ND
alpha-Chlordane	NC	NT	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0042 ND	0.0041 ND
beta-BHC	0.04	0.0513 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0042 ND	0.0041 ND
Chlordane, total	0.05	0.0513 ND	0.041 ND	0.041 ND	0.041 ND	0.041 ND	0.042 ND	0.041 ND
delta-BHC	0.04	0.051 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0042 ND	0.0041 ND
Dieldrin	0.004	0.0513 ND	0.0021 ND	0.0021 ND	0.0021 ND	0.0021 ND	0.0021 ND	0.0021 ND
Endosulfan I	NC	0.0513 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0042 ND	0.0041 ND
Endosulfan II	NC	0.0513 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0042 ND	0.0041 ND
Endosulfan sulfate	NC	0.0513 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0042 ND	0.0041 ND
Endrin	NC	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0042 ND	0.0041 ND
Endrin aldehyde	5	0.0410 ND	0.010 ND	0.010 ND	0.010 ND	0.010 ND	0.011 ND	0.010 ND
Endrin ketone	5	0.004 ND	0.010 ND	0.010 ND	0.010 ND	0.010 ND	0.011 ND	0.010 ND
gamma-BHC (Lindane)	0.05	0.002 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0042 ND	0.0041 ND
gamma-Chlordane	NC	NT	0.010 ND	0.010 ND	0.010 ND	0.010 ND	0.011 ND	0.010 ND
Heptachlor	0.04	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0042 ND	0.0041 ND
Heptachlor epoxide	0.03	0.004 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0042 ND	0.0041 ND
Methoxychlor	35	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0041 ND	0.0042 ND	0.0041 ND
Toxaphene	0.06	0.0103 ND	0.10 ND	0.10 ND	0.10 ND	0.10 ND	0.11 ND	0.10 ND
POLYCHLORINATED BIPHENYLS (PCBs)								
Aroclor 1016	NC	0.01 ND	0.051 ND	0.051 ND	0.051 ND	0.051 ND	0.053 ND	0.051 ND
Aroclor 1221	NC	0.0041 ND	0.051 ND	0.051 ND	0.051 ND	0.051 ND	0.053 ND	0.051 ND
Aroclor 1232	NC	0.004 ND	0.051 ND	0.051 ND	0.051 ND	0.051 ND	0.053 ND	0.051 ND
Aroclor 1242	NC	0.004 ND	0.051 ND	0.051 ND	0.051 ND	0.051 ND	0.053 ND	0.051 ND
Aroclor 1248	NC	0.004 ND	0.051 ND	0.051 ND	0.051 ND	0.051 ND	0.053 ND	0.051 ND
Aroclor 1254	NC	0.051 ND	0.24 ND	0.051 ND	0.051 ND	0.051 ND	0.053 ND	0.051 ND
Aroclor 1260	NC	0.103 ND	0.051 ND	0.051 ND	0.051 ND	0.051 ND	0.053 ND	0.051 ND
Total PCBs	0.09	0.0041 ND	0.24	0.051 ND	0.051 ND	0.051 ND	0.053 ND	0.051 ND

Legend

µg/L - micrograms per liter
 ND - Concentration less than the minimum detection limit.
 NC - No evaluation criterion for analytical parameter
 NT - Analyte not tested for
 D - Sample required dilution

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

Notes

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

Table 9
Summary of Groundwater Sampling Results
Total Levels of Target Analyte List Metals
131-18 to 131-32 Avery Avenue, Queens, NY

Sample ID	NYSDEC Class GA Groundwater Standard/Guidance Value	GW-1 14E0922-01 5/21/2014 1	MW-1 14J1194-01 10/29/2014 1	MW-2 14J1194-02 10/29/2014 1	MW-3 14J1280-01 10/31/2014 1	MW-4 14J1280-02 10/31/2014 1	Field Blank 14J1194-03 10/29/2014 1	Field Blank 14J1280-03 10/31/2014 1
Lab Sample ID								
Date Sampled								
Dilution Factor								
Unit of Measure	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
Aluminum	NC	22	3,110	1,170	776	183	10	10
Antimony	3	5 ND	5 ND	5 ND	5 ND	5 ND	5	5
Arsenic	25	4 ND	4 ND	4 ND	4 ND	4 ND	4	4
Barium	1000	56	119	72	81	75	10	10
Beryllium	3	1 ND	1 ND	1 ND	1 ND	1 ND	1	1
Cadmium	5	3 ND	3 ND	3 ND	3 ND	3 ND	3	3
Calcium	NC	70,800	82,100	64,900.00	79,300	79,300	50	70
Chromium	50	5 ND	13	5	5 ND	5 ND	5	5
Cobalt	NC	5 ND	11	5 ND	7	7	5	5
Copper	200	3 ND	6	3 ND	3 ND	3	3	3
Iron	NC	20 ND	5,210	2,230	2,790	2,270	20	20
Lead	25	3 ND	8	6	4	4	4	3
Magnesium	35000	33,400	26,900	22,100	30,500	34,300	50	50
Manganese	300	223	1,430	1,180	1,820	2,530	5	5
Nickel	100	5 ND	12	8	10	9	5	5
Potassium	NC	3,580	4,160	4,110	5,780	4,470	50	50
Selenium	10	10 ND	24	21	25	30	10	10
Silver	50	5 ND	5 ND	5 ND	5 ND	5 ND	5	5
Sodium	20000	132,000	108,000	147,000	147,000	132,000	375	494
Thallium	NC	5 ND	5 ND	5 ND	5 ND	5 ND	5	5
Vanadium	NC	10 ND	10 ND	10 ND	10 ND	10 ND	10	10
Zinc	2000	10 ND	19	15	14	15	10	10
Mercury	0.7	0.20 ND	0.20 ND	0.20 ND	0.20 ND	0.20 ND	0.20	0.20

Legend

µg/L - micrograms per liter

ND - Concentration less than the minimum detection limit.

NC - No evaluation criterion for analytical parameter

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

Notes

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

Table 10
Summary of Groundwater Sampling Results
Dissolved Target Analyte List Metals
131-18 to 131-32 Avery Avenue,
Queens, NY

Sample ID Lab Sample ID Date Sampled Dilution Factor Unit of Measure	NYSDEC Class GA Groundwater Standard/Guidance Value (ug/L)	GW-1 14E0922-01 5/21/2014 1 (ug/L)	MW-1 14J1194-01 10/29/2014 1 (ug/L)	MW-2 14J1194-02 10/29/2014 1 (ug/L)	MW-3 14J1280-01 10/31/2014 1 (ug/L)	MW-4 14J1280-02 10/31/2014 1 (ug/L)	Field Blank 14J1194-03 10/29/2014 1 (ug/L)	Field Blank 14J1280-03 10/31/2014 1 (ug/L)
Aluminum	NC	22	10 ND	10 ND	10 ND	10 ND	10 ND	10 ND
Antimony	3	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
Arsenic	25	4 ND	4 ND	4 ND	4 ND	4 ND	4 ND	4 ND
Barium	1000	56	96	65	72	72	10 ND	10 ND
Beryllium	3	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND	1 ND
Cadmium	5	3 ND	3 ND	3 ND	3 ND	3 ND	3 ND	3 ND
Calcium	NC	70,800	84,200	64,900.00	77,200	80,100	50 ND	50
Chromium	50	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
Cobalt	NC	5 ND	8	5 ND	6	7	5 ND	5 ND
Copper	200	3 ND	3 ND	3 ND	3 ND	3 ND	3 ND	3 ND
Iron	NC	20 ND	575	20 ND	23	28	20 ND	20 ND
Lead	25	3 ND	3 ND	3 ND	3 ND	3 ND	3 ND	3 ND
Magnesium	35000	33,400	26,900	23,100	29,900	33,400	50 ND	50 ND
Manganese	300	223	1,410	1,050	1,800	2,460	5 ND	5 ND
Nickel	100	5 ND	6	5 ND	7	8	5 ND	5 ND
Potassium	NC	3,580	3,730	3,950	5,270	4,210	50 ND	50 ND
Selenium	10	10 ND	15	15	26	31	10 ND	10 ND
Silver	50	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
Sodium	20000	132,000	107,000	147,000	145,000	133,000	100 ND	103
Thallium	NC	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND	5 ND
Vanadium	NC	10 ND	10 ND	10 ND	10 ND	10 ND	10 ND	10 ND
Zinc	2000	10 ND	10 ND	10 ND	12	11	10 ND	10 ND
Mercury	0.7	0.20 ND	0.20 ND	0.20 ND	0.20 ND	0.20 ND	0.20 ND	0.20 ND

Legend

µg/L - micrograms per liter

ND - Concentration less than the minimum detection limit.

NC - No evaluation criterion for analytical parameter

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

Notes

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

Table 11
Volatile Organic Compounds in Soil Vapor
131-18 and 131-24 Avery Avenue, Queens, NY

Sample ID		SV-1 (S02)	SV-2 (16955)	SV-3 (16973)	SV-4 (15523)	SV-5 (S10)	SV-6 (P17)
Lab Sample ID	Soil Vapor Evaluation Criteria	14J1186-01	14J1186-02	14J1186-03	14J1186-04	14J1278-01	14J1278-02
Sampling Date		10/29/2014	10/29/2014	10/29/2014	10/29/2014	10/31/2014	10/31/2014
Dilution Factor		103.4	100.8	126	115.2	84	100.8
Sample Matrix Unit of Measure		Soil Vapor ug/m3	Soil Vapor ug/m3	Soil Vapor ug/m3	Soil Vapor ug/m3	Soil Vapor ug/m3	Soil Vapor ug/m3
1,1,1-Trichloroethane	1000	14.18 ND	13.64 ND	13.64 ND	15.82 ND	15 D	33 D
1,1,2,2-Tetrachloroethane	NC	17.84 ND	17.16 ND	17.16 ND	19.90 ND	14 ND	14 ND
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NC	19.92 ND	19.15 ND	19.15 ND	22.22 ND	32 D	37 D
1,1,2-Trichloroethane	NC	14.18 ND	13.64 ND	13.64 ND	15.82 ND	11 ND	11 ND
1,1-Dichloroethane	NC	10.52 ND	10.11 ND	10.11 ND	11.73 ND	43 D	68 D
1,1-Dichloroethylene	NC	10.30 ND	9.91 ND	47.56 D	11.49 ND	16 D	22 D
1,2,4-Trichlorobenzene	NC	19.29 ND	18.55 ND	18.55 ND	21.51 ND	16 ND	15 ND
1,2,4-Trimethylbenzene	NC	12.78 ND	12.29 ND	12.29 ND	14.25 ND	10 ND	9.90 ND
1,2-Dibromoethane	NC	19.97 ND	19.20 ND	19.20 ND	22.27 ND	16 ND	15 ND
1,2-Dichlorobenzene	NC	15.63 ND	15.02 ND	15.02 ND	17.43 ND	13 ND	12 ND
1,2-Dichloroethane	NC	10.52 ND	10.11 ND	10.11 ND	11.73 ND	8.50 ND	8.20 ND
1,2-Dichloropropane	NC	12.01 ND	11.55 ND	11.55 ND	13.40 ND	9.70 ND	9.30 ND
1,2-Dichlorotetrafluoroethane	NC	18.17 ND	17.47 ND	17.47 ND	20.26 ND	15 ND	14 ND
1,3,5-Trimethylbenzene	NC	12.78 ND	12.29 ND	12.29 ND	14.25 ND	10 ND	9.90 ND
1,3-Butadiene	NC	11.27 ND	10.83 ND	78.00 D	91.01 D	9.10 ND	8.70 ND
1,3-Dichlorobenzene	NC	15.63 ND	15.02 ND	15.02 ND	17.43 ND	13 ND	12 ND
1,4-Dichlorobenzene	NC	15.63 ND	15.02 ND	15.02 ND	17.43 ND	13 ND	12 ND
1,4-Dioxane	NC	9.36 ND	9.00 ND	9.00 ND	10.45 ND	7.60 ND	7.30 ND
2-Butanone	NC	22.11 D	64.86 D	32.43 D	25.35 D	26 D	20 D
2-Hexanone	NC	21.29 ND	20.47 ND	20.47 ND	23.75 ND	17 ND	17 ND
4-Methyl-2-pentanone	NC	10.65 ND	10.24 ND	10.24 ND	11.88 ND	8.60 ND	8.30 ND
Acetone	NC	593.83 D	807.60 D	570.07 D	498.81 D	480 D	290 D
Benzene	NC	8.30 ND	7.98 ND	15.97 D	26.82 D	6.70 ND	6.40 ND
Benzyl chloride	NC	13.45 ND	12.94 ND	12.94 ND	15.01 ND	11 ND	10 ND
Bromodichloromethane	NC	16.14 ND	15.52 ND	15.52 ND	18.00 ND	13 ND	13 ND
Bromoform	NC	26.87 ND	25.84 ND	25.84 ND	29.97 ND	22 ND	21 ND
Bromomethane	NC	10.09 ND	9.70 ND	9.70 ND	11.26 ND	8.20 ND	7.80 ND
Carbon disulfide	NC	8.09 ND	7.78 ND	22.10 D	19.61 D	12 D	6.30 ND
Carbon tetrachloride	250	4.09 ND	3.96 ND	3.96 ND	4.53 ND	3.30 ND	3.20 ND
Chlorobenzene	NC	11.96 ND	11.50 ND	11.50 ND	13.35 ND	9.70 ND	9.30 ND
Chloroethane	NC	6.86 ND	6.59 ND	6.59 ND	7.65 ND	5.50 ND	5.30 ND
Chloroform	NC	35.14 D	35.63 D	87.85 D	82.97 D	110 D	97 D
Chloromethane	NC	5.37 ND	5.16 ND	5.16 ND	5.99 ND	4.30 ND	4.20 ND
cis-1,2-Dichloroethylene	NC	47.56 D	43.60 D	17,438.10 D	4,755.85 D	3,300 D	2,500 D
cis-1,3-Dichloropropylene	NC	11.80 ND	11.34 ND	11.34 ND	13.16 ND	9.50 ND	9.10 ND
Cyclohexane	NC	8.95 ND	8.60 ND	8.60 ND	9.98 ND	7.20 ND	6.90 ND
Dibromochloromethane	NC	20.86 ND	20.06 ND	20.06 ND	23.27 ND	17 ND	16 ND
Dichlorodifluoromethane	NC	12.85 ND	12.36 ND	12.36 ND	14.34 ND	10 ND	10 ND
Ethyl acetate	NC	18.73 ND	18.01 ND	18.01 ND	20.89 ND	15 ND	15 ND
Ethyl Benzene	NC	11.29 ND	10.85 ND	10.85 ND	12.59 ND	9.10 ND	8.80 ND
Hexachlorobutadiene	NC	27.72 ND	26.65 ND	26.65 ND	30.92 ND	22 ND	22 ND
Isopropanol	NC	12.78 ND	36.86 D	19.17 D	14.25 ND	10 ND	9.90 ND
Methyl Methacrylate	NC	10.64 ND	10.23 ND	10.23 ND	11.87 ND	8.60 ND	8.30 ND
Methyl tert-butyl ether (MTBE)	NC	9.35 ND	8.99 ND	8.99 ND	10.43 ND	7.60 ND	7.30 ND
Methylene chloride	NC	18.06 ND	17.36 ND	34.72 D	20.14 ND	15 ND	14 ND
n-Heptane	NC	10.65 ND	10.24 ND	10.24 ND	11.88 D	8.60 ND	8.30 ND
n-Hexane	NC	9.16 ND	8.81 ND	22.20 D	23.25 D	10 D	7.10 ND
o-Xylene	NC	11.29 ND	10.85 ND	10.85 ND	12.59 ND	9.10 ND	8.80 ND
p- & m- Xylenes	NC	22.57 ND	21.70 ND	21.70 ND	25.18 ND	18 ND	18 ND
p-Ethyltoluene	NC	12.78 ND	12.29 ND	12.29 ND	14.25 ND	10 ND	9.90 ND
Propylene	NC	13.42 D	6.54 D	223.65 D	344.07 D	3.60 ND	3.50 ND
Styrene	NC	11.07 ND	10.64 ND	10.64 ND	12.35 ND	8.90 ND	8.60 ND
Tetrachloroethylene	1000	14,237.24 D	18,305.03 D	4,813.54 D	2,305.08 D	500 D	910 D
Tetrahydrofuran	NC	7.66 ND	7.37 ND	7.37 ND	8.55 ND	6.20 ND	5.90 ND
Toluene	NC	22.23 D	23.73 D	26.75 D	41.44 D	9.50 D	7.60 ND
trans-1,2-Dichloroethylene	NC	21.40 D	22.99 D	2,060.87 D	594.48 D	560 D	550 D
trans-1,3-Dichloropropylene	NC	11.80 ND	11.34 ND	11.34 ND	13.16 ND	9.50 ND	9.10 ND
Trichloroethylene	250	8,057.44 D	13,966.23 D	26,320.97 D	22,023.67 D	8,700 D	12,000 D
Trichlorofluoromethane (Freon 11)	NC	14.60 ND	14.04 ND	14.04 ND	16.29 ND	12 ND	11 ND
Vinyl acetate	NC	9.15 ND	8.80 ND	8.80 ND	10.21 ND	7.40 ND	7.10 ND
Vinyl Chloride	NC	1.66 ND	1.61 ND	53.66 D	1.84 ND	71 D	19 D

Legend

NC - No criterion for evaluation of analytical parameter
 ND - Analyte not detected at or above the level indicated
 D - Result is from an analysis that required a dilution

Shaded bold values are detected compounds that exceed the evaluation criteria

Note

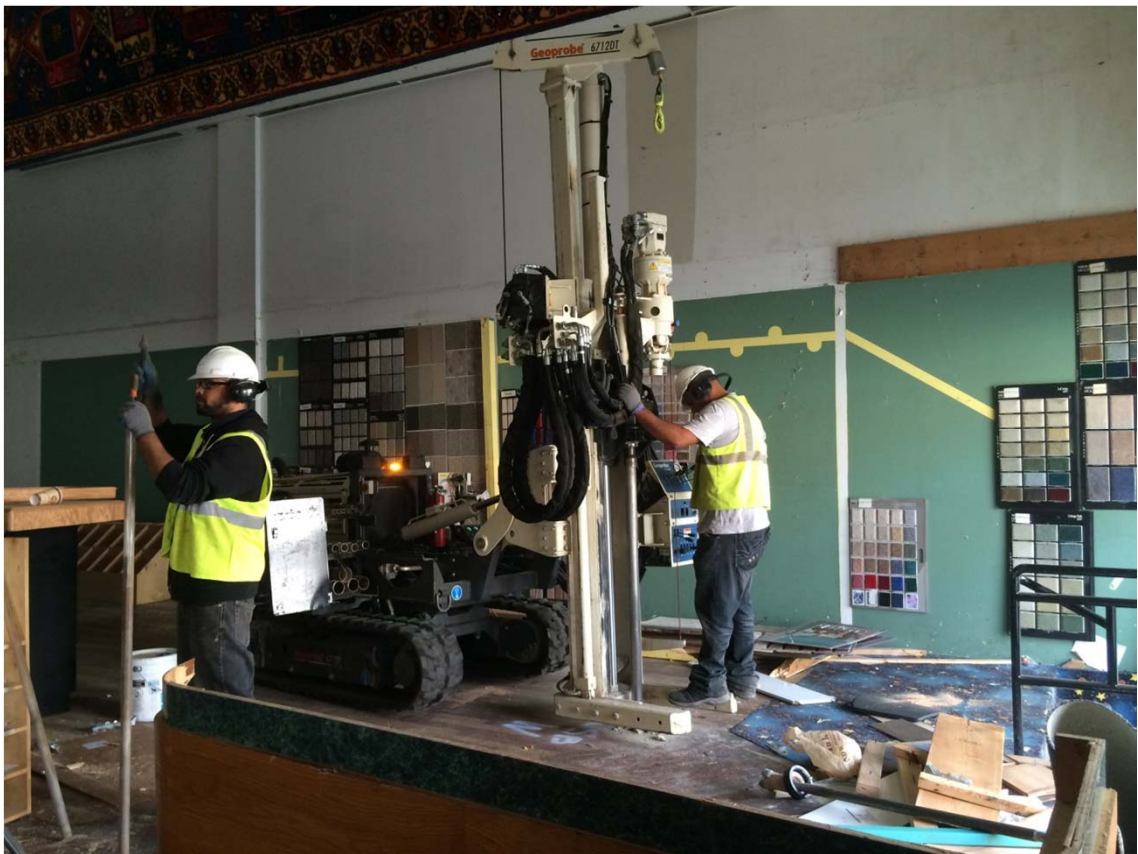
Evaluation criteria for soil vapor is the sub-slab vapor concentration for the Matrix 1 and Matrix 2 compounds presented in the NYSDOH Soil Vapor Intrusion Guidance document dated October 2006

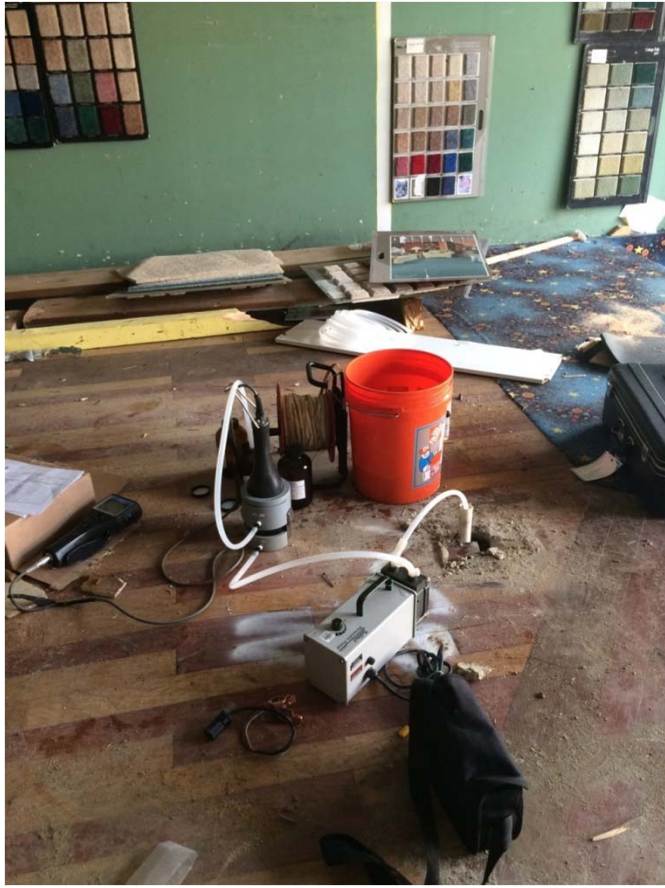
APPENDICES

APPENDIX A

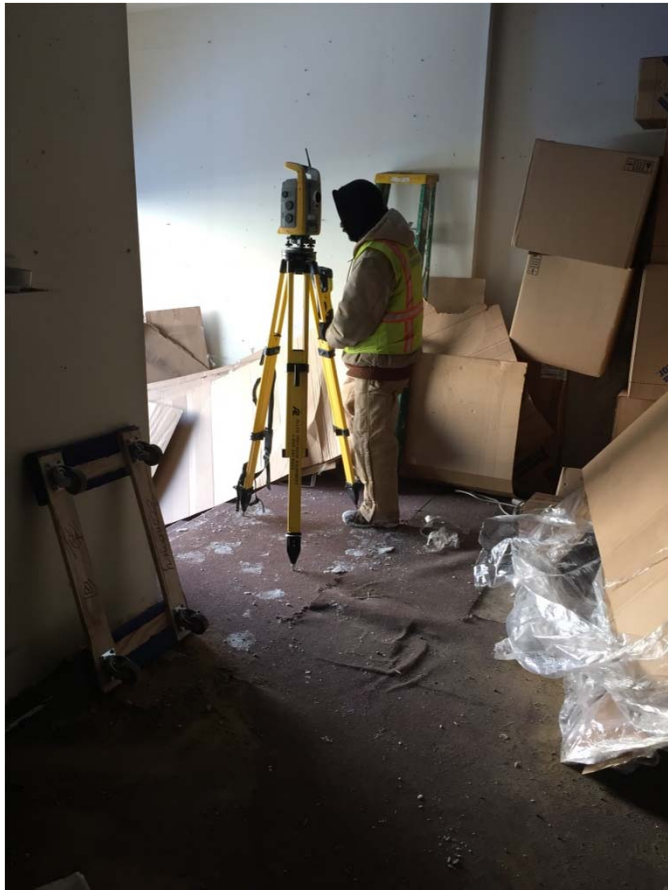
PHOTOGRAPHS











APPENDIX B

SOIL BORING LOGS



ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Consultants

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

Field Representatives:
 Ethan Rainey, Ezgi Karayel, Paul Tan

Groundwater Observations: No

Client:
 Avery Group LLC
Job Name: 131-18/24 Avery Avenue
Job Number: 14-132-0587

Location: 131-18 to 131-24 Avery Avenue, Flushing, NY

Casing Sampler Type:
 Geoprobe 420M Unit

Boring Number: SB-1
Boring Location:
 Center of the property. See boring location map.

Date Start: 5/21/2014
Date Completed: 5/21/2014

Depth (bgs)	Sample Number Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil / Remarks
0'	SB-1 (0'-2')	24"	Dry	0.0	brown fine-grain packing SAND NO OBSERVED STAINING OR ODORS
2'	SB-1 (2'-4')	24"	Dry	0.0	dark medium/fine-grain fill materials with traces of pebbles NO OBSERVED STAINING OR ODORS
4'	SB-1 (4'-6')	G 24"	Dry	43.5	dark medium/fine-grain sand with traces of pebbles NO OBSERVED STAINING OR ODORS
6'	SB-1 (6'-8')	24"	Dry	4.8	light gray/brown medium-grain SAND with traces of pebbles NO OBSERVED STAINING OR ODORS
8'	SB-1 (8'-10')	24"	Dry	1.9	light gray/brown medium-grain SAND with traces of pebbles NO OBSERVED STAINING OR ODORS
10'	SB-1 (10'-12')	24"	Dry	1.4	light gray/brown medium-grain SAND with traces of pebbles NO OBSERVED STAINING OR ODORS
12'	SB-1 (12'-14')	24"	Dry	0.0	light gray/brown medium-grain SAND with traces of pebbles NO OBSERVED STAINING OR ODORS
14'	SB-1 (14'-16')	24"	Dry	0.0	light gray/brown medium-grain SAND with traces of pebbles NO OBSERVED STAINING OR ODORS

16' (boring termination depth)

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



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

Field Representatives:
 Ethan Rainey, Ezgi Karayel, Paul Tan

Groundwater Observations: Yes. Estimated at 18 feet bgs

Client:
 Avery Group LLC

Job Name: 131-18/24 Avery Avenue
Job Number: 14-132-0587

Location: 131-18 to 131-24 Avery Avenue, Flushing, NY

Casing Sampler Type:
 Geoprobe 420M Unit

Boring Number: SB-2

Boring Location:
 Central north of the property. See boring location map.

Date Start: 5/21/2014
Date Completed: 5/21/2014

Depth (bgs)	Sample Number Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil / Remarks
0'	SB-2 (0'-2')	24"	Dry	2.3	brown fine-grain packing SAND concrete NO OBSERVED STAINING OR ODORS
2'	SB-2 (2'-4')	24"	Dry	4.6	dark ash fill materials NO OBSERVED STAINING OR ODORS
4'	SB-2 (4'-6') G	24"	Dry	10.3	dark ash fill materials asphalt NO OBSERVED STAINING OR ODORS
6'	SB-2 (6'-8')	24"	Dry	2.4	light gray/brown medium-grain SAND with traces of pebbles NO OBSERVED STAINING OR ODORS
8'	SB-2 (8'-10')	24"	Dry	2.5	light gray/brown fine-grain SAND with traces of pebbles NO OBSERVED STAINING OR ODORS
10'	SB-2 (10'-12')	24"	Moist	1.6	light gray/brown fine-grain SAND with traces of pebbles NO OBSERVED STAINING OR ODORS
12'	SB-2 (12'-14') G	24"	Moist	1.6	light gray/brown fine-grain SAND with traces of pebbles NO OBSERVED STAINING OR ODORS
14'	SB-2 (14'-16')	24"	Wet	0.0	light gray/brown fine-grain SAND with traces of pebbles NO OBSERVED STAINING OR ODORS
16'	SB-2 (16'-18')	24"	Wet	0.0	light gray/brown fine-grain SAND with traces of pebbles NO OBSERVED STAINING OR ODORS

18' (boring termination depth)

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



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

Field Representatives: Ethan Rainey
 Ezgi Karayel

Groundwater Observations: Yes

Client: Wilson Realty Management LLC

Job Name: 131-24 and 131-32 Avery Avenue
Job Number: 14-133-1270

Location: 131-32 Avery Avenue, Queens, NY

Casing Sampler Type: Geoprobe 6712

Boring Number: SB-1

Boring Location: South west corner of site

Date Start: 10/27/2014
Date Completed: 10/27/2014

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil Remarks
0	SB-1 (0'-2')	G	24	Dry	0.0	6" - Concrete 18" - Brown fine SAND some gravel some ash (Historic Fill) NO OBSERVED STAINING OR ODORS
2'	SB-1 (2'-4')		24	Dry	0.0	Same as above (Historic Fill) NO OBSERVED STAINING OR ODORS
4'	SB-1 (4'-6')		24	Dry	0.0	Brown fine to medium SAND (Native) NO OBSERVED STAINING OR ODORS
6'	SB-1 (6'-8')		24	Dry	0.0	Light brown medium SAND NO OBSERVED STAINING OR ODORS
8'	SB-1 (8'-10')		18	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
10'	SB-1 (10'-12')		18	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
12'	SB-1 (12'-14')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
14'	SB-1 (14'-16')	G	18	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS Sample collected from 15'-17'
16'	SB-1 (16'-18')	G	18	Dry	0.0	Brown medium SAND and clay NO OBSERVED STAINING OR ODORS Sample collected from 15'-17'
18'	SB-1 (18'-20')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
20'	SB-1 (20'-22')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
22'	SB-1 (22'-24')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
24'	SB-1 (24'-26')		24	Wet	0.0	Same as above NO OBSERVED STAINING OR ODORS
26'	SB-1 (26'-28')		24	Wet	0.0	Same as above NO OBSERVED STAINING OR ODORS
28'	SB-1 (28'-30')		18	Wet	0.0	Same as above NO OBSERVED STAINING OR ODORS

30' (Boring Termination Depth)

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



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

Field Representatives: Ethan Rainey
 Ezgi Karayel

Groundwater Observations: Yes

Client: Wilson Realty Management LLC

Job Name: 131-24 and 131-32 Avery Avenue
Job Number: 14-133-1270

Location: 131-32 Avery Avenue, Queens, NY

Casing Sampler Type:
 Geoprobe 6712

Boring Number: SB-2

Boring Location:
 South east corner of site

Date Start: 10/27/2014
Date Completed: 10/27/2014

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil Remarks
0	SB-2 (0'-2')	G	24	Dry	0.0	6" - Concrete 18" - Light brown fine to medium SAND (Native) NO OBSERVED STAINING OR ODORS
2'	SB-2 (2'-4')		24	Dry	0.0	Brown fine to medium SAND some silt NO OBSERVED STAINING OR ODORS
4'	SB-2 (4'-6')		24	Dry	0.0	Brown fine to medium SAND some pebbles NO OBSERVED STAINING OR ODORS
6'	SB-2 (6'-8')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
8'	SB-2 (8'-10')		18	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
10'	SB-2 (10'-12')		18	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
12'	SB-2 (12'-14')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
14'	SB-2 (14'-16')	G	18	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS Sample collected from 15'-17'
16'	SB-2 (16'-18')	G	18	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS Sample collected from 15'-17'
18'	SB-2 (18'-20')		18	Moist	0.0	Brown fine to medium SAND some silt NO OBSERVED STAINING OR ODORS

20' (Boring Termination Depth)

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



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

Field Representatives: Ethan Rainey
 Ezgi Karayel

Groundwater Observations: Yes

Client: Wilson Realty Management LLC
Job Name: 131-24 and 131-32 Avery Avenue
Job Number: 14-133-1270

Location: 131-32 Avery Avenue, Queens, NY

Casing Sampler Type: Geoprobe 6712

Boring Number: SB-3

Boring Location: Central portion

Date Start: 10/28/2014
Date Completed: 10/28/2014

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil Remarks
0	SB-3 (0'-2')	G	22	Dry	0.0	4" - Concrete 18" - Brown fine to medium SAND some pebbles and some ash (Historic Fill) NO OBSERVED STAINING OR ODORS
2'	SB-3 (2'-4')		24	Dry	0.0	Same as above (Historic Fill) NO OBSERVED STAINING OR ODORS
4'	SB-3 (4'-6')	G	24	Dry	0.0	Brown fine silty SAND and clay (Native) NO OBSERVED STAINING OR ODORS
6'	SB-3 (6'-8')		24	Dry	0.0	Brown fine SAND NO OBSERVED STAINING OR ODORS
8'	SB-3 (8'-10')		18	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
10'	SB-3 (10'-12')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
12'	SB-3 (12'-14')		24	Dry	0.0	Brown fine to medium SAND NO OBSERVED STAINING OR ODORS
14'	SB-3 (14'-16')	G	18	Dry	0.0	Brown medium SAND NO OBSERVED STAINING OR ODORS Sample collected from 15'-17'
16'	SB-3 (16'-18')	G	18	Moist	0.0	Same as above NO OBSERVED STAINING OR ODORS Sample collected from 15'-17'
18'	SB-3 (18'-20')		18	Wet	0.0	Brown medium SAND NO OBSERVED STAINING OR ODORS

20' (Boring Termination Depth)

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



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Field Representatives: Ethan Rainey
 Ezgi Karayel

Groundwater Observations: No

Client: Wilson Realty Management LLC
Job Name: 131-24 and 131-32 Avery Avenue
Job Number: 14-133-1270

Location: 131-32 Avery Avenue, Queens, NY

Casing Sampler Type: Geoprobe 6712

Boring Number: SB-4

Boring Location: North east corner of site

Date Start: 10/28/2014
Date Completed: 10/28/2014

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil Remarks
0	SB-4 (0'-2')	G	12	Dry	0.0	2" - Concrete 18" - Asphalt and ash (Historic Fill) NO OBSERVED STAINING OR ODORS
2'	SB-4 (2'-4')		16	Dry	0.0	Same as above (Historic Fill) NO OBSERVED STAINING OR ODORS
4'	SB-4 (4'-6')		24	Dry	0.0	Brown medium SAND Native SAND starts at 5' NO OBSERVED STAINING OR ODORS
6'	SB-4 (6'-8')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
8'	SB-4 (8'-10')		18	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
10'	SB-4 (10'-12')		24	Dry	0.0	Brown medium SAND some pebbles NO OBSERVED STAINING OR ODORS
12'	SB-4 (12'-14')		24	Dry	0.0	Brown medium SAND (traces of concrete) NO OBSERVED STAINING OR ODORS
14'	SB-4 (14'-16')	G	18	Dry	0.0	Brown medium SAND NO OBSERVED STAINING OR ODORS Sample collected from 15'-17'
16'	SB-4 (16'-18')	G	18	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS Sample collected from 15'-17'
18'	SB-4 (18'-20')		18	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS

20' (Boring Termination Depth)

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



45-09 Greenpoint Avenue
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Field Representatives: Ethan Rainey
 Ezgi Karayel

Groundwater Observations: No

Client: Wilson Realty Management LLC

Job Name: 131-24 and 131-32 Avery Avenue
Job Number: 14-133-1270

Location: 131-32 Avery Avenue, Queens, NY

Casing Sampler Type:
 Geoprobe 6712

Boring Number: SB-5

Boring Location:
 North west corner of site

Date Start: 10/28/2014
Date Completed: 10/28/2014

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil Remarks
0	SB-5 (0'-2')	G	18	Dry	0.0	2" - Concrete 16" - Medium SAND asphalt and ash (Historic Fill) NO OBSERVED STAINING OR ODORS
2'	SB-5 (2'-4')		24	Dry	0.0	Medium silty SAND asphalt and ash (Historic Fill) NO OBSERVED STAINING OR ODORS
4'	SB-5 (4'-6')		18	Dry	0.0	Brown fine SAND and clay Native sand starts at 5' NO OBSERVED STAINING OR ODORS
6'	SB-5 (6'-8')		18	Dry	0.0	Brown fine to medium SAND NO OBSERVED STAINING OR ODORS
8'	SB-5 (8'-10')		12	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
10'	SB-5 (10'-12')		0	Dry	0.0	No Recovery
12'	SB-5 (12'-14')	G	18	Dry	0.0	Brown fine to medium SAND NO OBSERVED STAINING OR ODORS Sample collected from 13'-15'
14'	SB-5 (14'-15')	G	18	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS Sample collected from 13'-15'

15' (Boring Termination Depth)

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



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

Field Representatives: Ethan Rainey
 Ezgi Karayel

Groundwater Observations: No

Client: Wilson Realty Management LLC
Job Name: 131-24 and 131-32 Avery Avenue
Job Number: 14-133-1270

Location: 131-24 Avery Avenue, Queens, NY

Casing Sampler Type: Geoprobe 6712

Boring Number: SB-6

Boring Location: North west corner of site

Date Start: 10/28/2014
Date Completed: 10/28/2014

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil Remarks
0	SB-6 (0'-2')	G	18	Dry	0.0	2" - Concrete 16" - Light brown fine to medium SAND asphalt and ash (Historic Fill) NO OBSERVED STAINING OR ODORS
2'	SB-6 (2'-4')		24	Dry	0.0	Brown medium SAND some ash some pebbles and concrete (Historic Fill) NO OBSERVED STAINING OR ODORS
4'	SB-6 (4'-6')	G	24	Dry	3.8	Brown medium silty SAND NO OBSERVED STAINING OR ODORS
6'	SB-6 (6'-8')		18	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
8'	SB-6 (8'-10')		18	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
10'	SB-6 (10'-12')		0	Dry	0.0	No Recovery
12'	SB-6 (12'-14')		18	Dry	0.0	Light brown medium SAND some concrete NO OBSERVED STAINING OR ODORS
14'	SB-6 (14'-16')	G	18	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS Sample collected from 15'-17'
16'	SB-6 (16'-18')	G	18	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS Sample collected from 15'-17'

18' (Boring Termination Depth)

G = Grab sample collected for analysis
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Field Representatives: Ethan Rainey
 Ezgi Karayel

Groundwater Observations: No

Client: Wilson Realty Management LLC
Job Name: 131-24 and 131-32 Avery Avenue
Job Number: 14-133-1270

Location: 131-24 Avery Avenue, Queens, NY

Casing Sampler Type: Geoprobe 6712

Boring Number: SB-7

Boring Location: Eastern portion of site

Date Start: 10/28/2014
Date Completed: 10/28/2014

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil Remarks
0	SB-7 (0'-2')	G	24	Dry	0.0	2" - Concrete 18" - Brown medium SAND some silt and ash (Historic Fill) NO OBSERVED STAINING OR ODORS
2'	SB-7 (2'-4')		24	Dry	0.0	Light brown medium SAND and some ash (Historic Fill) NO OBSERVED STAINING OR ODORS
4'	SB-7 (4'-6')		24	Dry	0.0	Brown fine to medium SAND Native SAND starts at 5' NO OBSERVED STAINING OR ODORS
6'	SB-7 (6'-8')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
8'	SB-7 (8'-10')		6	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
10'	SB-7 (10'-12')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
12'	SB-7 (12'-14')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
14'	SB-7 (14'-16')	G	18	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS Sample collected from 15'-17'
16'	SB-7 (16'-18')	G	18	Dry	0.0	Brown fine to medium SAND some clay NO OBSERVED STAINING OR ODORS Sample collected from 15'-17'
18'	SB-7 (18'-20')		18	Moist	0.0	Same as above NO OBSERVED STAINING OR ODORS

20' (Boring Termination Depth)

G = Grab sample collected for analysis
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Field Representatives: Ethan Rainey
 Ezgi Karayel

Groundwater Observations: No

Client: Wilson Realty Management LLC
Job Name: 131-24 and 131-32 Avery Avenue
Job Number: 14-133-1270

Location: 131-24 and 131-32 Avery Avenue, Queens, NY

Casing Sampler Type: Geoprobe 7612

Boring Number: SB-8

Boring Location: North west corner of site

Date Start: 10/28/2014
Date Completed: 10/28/2014

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil Remarks
0	SB-8 (0'-2')	G	18	Dry	0.0	2" - Concrete 16" - Brown medium SAND some silt some ash (Historic Fill) NO OBSERVED STAINING OR ODORS
2'	SB-8 (2'-4')		20	Dry	0.0	Same as above (Historic Fill) NO OBSERVED STAINING OR ODORS
4'	SB-8 (4'-6')		24	Dry	0.0	Brown fine to medium silty SAND Native sand starts at 5' NO OBSERVED STAINING OR ODORS
6'	SB-8 (6'-8')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
8'	SB-8 (8'-10')		18	Dry	0.0	Light brown medium SAND some pebbles NO OBSERVED STAINING OR ODORS
10'	SB-8 (10'-12')		18	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
12'	SB-8 (12'-14')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
14'	SB-8 (14'-16')		18	Dry	0.0	Light brown medium silty SAND NO OBSERVED STAINING OR ODORS Sample collected from 15'-17'
16'	SB-8 (16'-18')		18	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS Sample collected from 15'-17'

18' (Boring Termination Depth)

G = Grab sample collected for analysis
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Field Representatives: Ethan Rainey
 Ezgi Karayel

Groundwater Observations: No

Client: Wilson Realty Management LLC
Job Name: 131-24 and 131-32 Avery Avenue
Job Number: 14-133-1270

Location: 131-24 Avery Avenue, Queens, NY

Casing Sampler Type: Geoprobe 6712

Boring Number: SB-9 (Delineation Boring)

Boring Location: Central portion of building

Date Start: 10/29/2014

Date Completed: 10/29/2014

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil Remarks
0	SB-9 (0'-2')		24	Dry	0.0	2" - Concrete 18" - Brown fine to medium SAND NO OBSERVED STAINING OR ODORS
2'	SB-9 (2'-4')	G	24	Dry	64.7	Black asphalt some ash some pebbles NO OBSERVED STAINING OR ODORS
4'	SB-9 (4'-6')	G	24	Dry	0.0	Brown medium silty SAND (Native) NO OBSERVED STAINING OR ODORS
6'	SB-9 (6'-8')		24	Dry	0.0	Brown medium SAND NO OBSERVED STAINING OR ODORS
8'	SB-9 (8'-10')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
10'	SB-9 (10'-12')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
12'	SB-9 (12'-14')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
14'	SB-9 (14'-16')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
16'	SB-9 (16'-18')		24	Dry	0.0	Same as above with pebbles NO OBSERVED STAINING OR ODORS
18'	SB-9 (18'-20')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS

20' (Boring Termination Depth)

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



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Field Representatives: Ethan Rainey
 Ezgi Karayel

Groundwater Observations: No

Client: Wilson Realty Management LLC
Job Name: 131-24 and 131-32 Avery Avenue
Job Number: 14-133-1270

Location: 131-24 Avery Avenue, Queens, NY

Casing Sampler Type: Geoprobe 6712

Boring Number: SB-10 (Delineation Boring)

Boring Location: Central portion of building

Date Start: 10/29/2014

Date Completed: 10/29/2014

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil Remarks
0	SB-10 (0'-2')	G	24	Dry	0.0	2" - Concrete 18" - Light brown and black medium SAND NO OBSERVED STAINING OR ODORS
2'	SB-10 (2'-4')		24	Dry	0.0	Brown medium SAND some black ash NO OBSERVED STAINING OR ODORS
4'	SB-10 (4'-6')	G	24	Dry	0.0	Brown medium silty SAND with pebbles NO OBSERVED STAINING OR ODORS
6'	SB-10 (6'-8')		24	Dry	0.0	Brown medium SAND with pebbles NO OBSERVED STAINING OR ODORS
8'	SB-10 (8'-10')		24	Dry	0.0	Brown fine to medium SAND NO OBSERVED STAINING OR ODORS
10'	SB-10 (10'-12')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
12'	SB-10 (12'-14')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
14'	SB-10 (14'-16')		24	Dry	0.0	Same as above with pebbles NO OBSERVED STAINING OR ODORS
16'	SB-10 (16'-18')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
18'	SB-10 (18'-20')		24	Moist	0.0	Same as above NO OBSERVED STAINING OR ODORS

20' (Boring Termination Depth)

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



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Field Representatives: Ethan Rainey
 Ezgi Karayel

Groundwater Observations: No

Client: Wilson Realty Management LLC
Job Name: 131-24 and 131-32 Avery Avenue
Job Number: 14-133-1270

Location: 131-24 Avery Avenue, Queens, NY

Casing Sampler Type: Geoprobe 6712

Boring Number: SB-11 (Delineation Boring)

Boring Location: Central portion of building

Date Start: 10/29/2014

Date Completed: 10/29/2014

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil Remarks
0	SB-11 (0'-2')	G	24	Dry	0.0	2" - Concrete 18" - Light brown medium SAND with pebbles NO OBSERVED STAINING OR ODORS
2'	SB-11 (2'-4')		24	Dry	0.0	Brown medium SAND with black asphalt NO OBSERVED STAINING OR ODORS
4'	SB-11 (4'-6')	G	24	Dry	0.0	Brown medium silty SAND NO OBSERVED STAINING OR ODORS
6'	SB-11 (6'-8')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
8'	SB-11 (8'-10')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
10'	SB-11 (10'-12')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
12'	SB-11 (12'-14')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
14'	SB-11 (14'-16')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
16'	SB-11 (16'-18')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
18'	SB-11 (18'-20')		24	Moist	0.0	Same as above NO OBSERVED STAINING OR ODORS

20' (Boring Termination Depth)

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



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Field Representatives: Ethan Rainey
 Ezgi Karayel

Groundwater Observations: No

Client: Wilson Realty Management LLC
Job Name: 131-24 and 131-32 Avery Avenue
Job Number: 14-133-1270

Location: 131-24 Avery Avenue, Queens, NY

Casing Sampler Type: Geoprobe 6712

Boring Number: SB-12 (Delineation Boring)

Boring Location: Central portion of building

Date Start: 10/29/2014

Date Completed: 10/29/2014

Depth (bgs)	Sample Number	Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil Remarks
0	SB-12 (0'-2')	G	24	Dry	4.5	Brown medium SAND NO OBSERVED STAINING OR ODORS
2'	SB-12 (2'-4')		24	Dry	1.2	Brown medium SAND with black asphalt (Fill) NO OBSERVED STAINING OR ODORS
4'	SB-12 (4'-6')	G	24	Dry	86.9	Brown medium SAND NO OBSERVED STAINING OR ODORS
6'	SB-12 (6'-8')		24	Dry	1.7	Same as above NO OBSERVED STAINING OR ODORS
8'	SB-12 (8'-10')		24	Dry	0.0	Brown medium to fine SAND NO OBSERVED STAINING OR ODORS
10'	SB-12 (10'-12')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
12'	SB-12 (12'-14')		24	Dry	0.0	Same as above with trace concrete NO OBSERVED STAINING OR ODORS
14'	SB-12 (14'-16')		24	Dry	0.0	Same as above NO OBSERVED STAINING OR ODORS
16'	SB-12 (16'-18')		24	Moist	0.0	Same as above NO OBSERVED STAINING OR ODORS
18'	SB-12 (18'-20')		24	Wet	0.0	Same as above NO OBSERVED STAINING OR ODORS

20' (Boring Termination Depth)

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



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Field Representatives: Ethan Rainey
 Ezgi Karayel

Groundwater Observations: No

Client: Avery Group LLC

Job Name: 131-18 Avery Avenue

Job Number: 14-133-1269

Location: 131-18 Avery Avenue, Queens NY

Casing Sampler Type:
 Geoprobe 6712

Boring Number: SB-13

Boring Location:
 North west portion of building

Date Start: 10/29/2014
Date Completed: 10/29/2014

Depth (bgs)	Sample Number Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil / Remarks
0'	SB-13 (0'-2') G	24	Dry	0.0	2" Concrete Brown and black medium SAND
2'	SB-13 (2'-4')	24	Dry	0.0	Black medium SAND with ash and concrete (Fill) NO OBSERVED STAINING OR ODORS
4'	SB-13 (4'-6')	24	Dry	0.0	Same as above. NO OBSERVED STAINING OR ODORS
6'	SB-13 (6'-8')	24	Dry	0.0	Same as above. NO OBSERVED STAINING OR ODORS
8'	SB-13 (8'-10')	24	Dry	0.0	Same as above with trace brick NO OBSERVED STAINING OR ODORS
10'	SB-13 (10'-12')	24	Dry	0.0	Brown medium SAND some silt NO OBSERVED STAINING OR ODORS
12'	SB-13 (12'-14')	24	Dry	0.0	Same as above. NO OBSERVED STAINING OR ODORS
14'	SB-13 (14'-16') G	24	Dry	0.0	Same as above. NO OBSERVED STAINING OR ODORS Sample taken from 15' to 17' interval
16'	SB-13 (16'-18') G	24	Dry	0.0	Same as above. NO OBSERVED STAINING OR ODORS
18'	SB-13 (18'-20')	24	Dry	0.0	Same as above. NO OBSERVED STAINING OR ODORS

20' (boring termination depth)

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



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Field Representatives: Ethan Rainey
 Ezgi Karayel

Groundwater Observations: No

Client: Avery Group LLC

Job Name: 131-18 Avery Avenue

Job Number: 14-133-1269

Location: 131-18 Avery Avenue, Queens NY

Casing Sampler Type:
 Geoprobe 6712

Boring Number: SB-14


Boring Location:
 South east portion of building

Date Start: 10/29/2014
Date Completed: 10/29/2014

Depth (bgs)	Sample Number Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil / Remarks
0'	SB-14 (0'-2') G	24	Dry	0.0	Brown medium SAND NO OBSERVED STAINING OR ODORS
2'	SB-14 (2'-4')	24	Dry	0.0	Brown medium SAND some black ash some bricks NO OBSERVED STAINING OR ODORS
4'	SB-14 (4'-6')	24	Dry	0.0	Brown medium SAND some silt NO OBSERVED STAINING OR ODORS
6'	SB-14 (6'-8')	24	Dry	0.0	Dark brown medium SAND some pebbles some silt NO OBSERVED STAINING OR ODORS
8'	SB-14 (8'-10')	24	Dry	0.0	Brown medium SAND some silt NO OBSERVED STAINING OR ODORS
10'	SB-14 (10'-12')	24	Dry	0.0	Same as above. NO OBSERVED STAINING OR ODORS
12'	SB-14 (12'-14')	24	Dry	0.0	Same as above. NO OBSERVED STAINING OR ODORS
14'	SB-14 (14'-16') G	24	Dry	0.0	Same as above. NO OBSERVED STAINING OR ODORS Sample taken from 15' to 17' interval
16'	SB-14 (16'-18') G	24	Dry	0.0	Same as above. NO OBSERVED STAINING OR ODORS
18'	SB-14 (18'-20')	24	Moist	0.0	Same as above. NO OBSERVED STAINING OR ODORS

20' (boring termination depth)

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

 45-09 Greenpoint Avenue Long Island City, New York, 11104 Phone: 718-784-7490 Fax: 718-784-4085	Client: Avery Group LLC		Boring Number: SB-15
	Job Name: 131-18 Avery Avenue		Boring Location: South west portion of building
	Job Number: 14-133-1269		
	Field Representatives: Ethan Rainey Ezgi Karayel		Location: 131-18 Avery Avenue, Queens NY
Groundwater Observations: No		Casing Sampler Type: Geoprobe 6712	Date Start: 10/29/2014 Date Completed: 10/29/2014

Depth (bgs)	Sample Number Type	Recovery (in.)	Density or Moist	PID (ppm)	Field Identification of Soil / Remarks
0'	SB-15 (0'-2') G	24	Dry	0.0	Black asphalt some ash some bricks (Fill) NO OBSERVED STAINING OR ODORS
2'	SB-15 (2'-4')	24	Dry	0.0	Same as above. (Fill) NO OBSERVED STAINING OR ODORS
4'	SB-15 (4'-6')	24	Dry	0.0	Dark brown medium SAND some silt NO OBSERVED STAINING OR ODORS
6'	SB-15 (6'-8')	24	Dry	0.0	Same as above. NO OBSERVED STAINING OR ODORS
8'	SB-15 (8'-10')	24	Dry	0.0	Same as above. NO OBSERVED STAINING OR ODORS
10'	SB-15 (10'-12')	24	Dry	0.0	Brown medium SAND some pebbles some silt NO OBSERVED STAINING OR ODORS
12'	SB-15 (12'-14')	24	Dry	0.0	Same as above. NO OBSERVED STAINING OR ODORS
14'	SB-15 (14'-16') G	24	Dry	0.0	Same as above with some clay NO OBSERVED STAINING OR ODORS Sample taken from 15' to 17' interval
16'	SB-15 (16'-18') G	24	Dry	0.0	Same as above. NO OBSERVED STAINING OR ODORS
18'	SB-15 (18'-20')	24	Moist	0.0	Same as above. NO OBSERVED STAINING OR ODORS

20' (boring termination depth)

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

APPENDIX C

MONITORING WELL CONSTRUCTIONS

JOB NAME: Avery Avenue

GW-1

ADDRESS: 131-18 Avery Avenue, Queens

DRILLING METHOD: Direct Push

NY, 11355

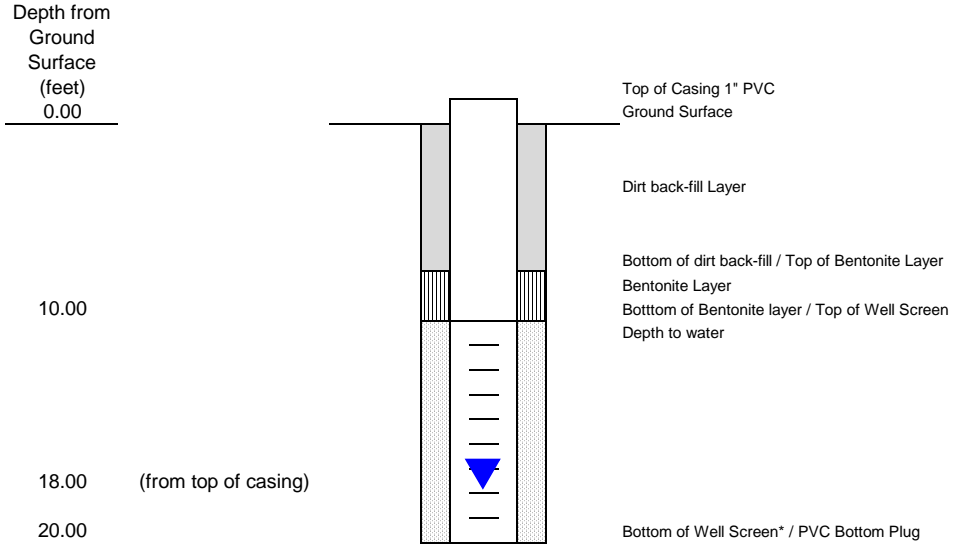
DRILLER: ADT

INSTALLATION DATE: 5/21/14

DEPTH TO WATER: 20.10 feet from top of PVC riser

HEIGHT OF STICK-UP: 6"

DEPTH TO PRODUCT: N/A



*Well screen consists of a slotted PVC pipe surrounded by environmental grade sand. The inner component of the screen is a flush-threaded, 1.0-inch Schedule 40 PVC pipe with 0,02-inch slots.

JOB NAME: Avery Avenue

MW-1

ADDRESS: 131-32 Avery Avenue, Queens

DRILLING METHOD: Direct Push

NY 11355

DRILLER: C-Squared Environmental Corp.

INSTALLATION DATE: 10/27/14

DEPTH TO WATER: 20.10 feet from top of PVC riser

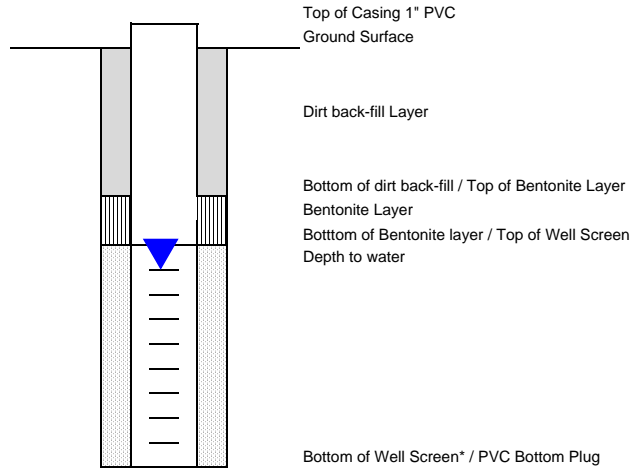
HEIGHT OF STICK-UP: 6"

DEPTH TO PRODUCT: N/A

Depth from
Ground
Surface
(feet)
0.00

20.00
20.10 (from top of casing)

35.00



*Well screen consists of a slotted PVC pipe surrounded by environmental grade sand. The inner component of the screen is a flush-threaded, 1.0-inch Schedule 40 PVC pipe with 0,02-inch slots.

APPENDIX D

SOIL VAPOR SAMPLING LOGS

**E-Designation Remedial Investigation - Soil Vapor
131-18 to 131-32 Avery Avenue, Queens, NY**

Sample ID	Sample Date	Flow Controller Readout (L/min)	Start Sampling Time	Stop Sampling Time	Canister Pressure in Field ("Hg") (Start)	Canister Pressure in Field ("Hg") (Stop)
SV-1 (SO2)	10/29/2015	< 0.2 L/min	11:05 AM	2:00 PM	30	15
SV-2 (16955)	10/29/2015	< 0.2 L/min	11:10 AM	2:01 PM	30	12
SV-3 (16973)	10/29/2015	< 0.2 L/min	11:00 AM	2:00 PM	28	12
SV-4 (15523)	10/29/2015	< 0.2 L/min	10:45 AM	2:05 PM	30	15
SV-5 (510)	10/31/2014	< 0.2 L/min	9:15 AM	1:45 PM	30	22
SV-6 (P17)	10/31/2014	< 0.2 L/min	9:20 AM	1:01 PM	30	9

APPENDIX E

PROPOSED REDVELOPMENT PLANS



PERFECTIVE NOTE:
RENDERING IS FOR ILLUSTRATION PURPOSES ONLY AND NOT
TO BE USED FOR CONSTRUCTION.

PROPOSED NEW:
MIXED USE BUILDING
131-10 AVERY AVE.
QUEENS, NY 11355

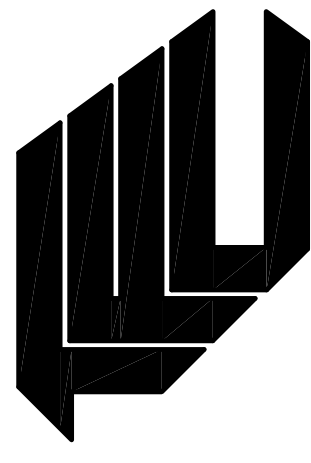
D R A W I N G L I S T

- 1. T-001.00 - TITLE SHEET
- 2. Z-001.00 - ZONING INFO, PLOT PLAN & LEGENDS
- 3. A-001.00 - CELLAR/FOUNDATION FLOOR PLAN & DETAILS
- 4. A-002.00 - 1ST FLOOR PLAN & DETAILS

- 5. A-003.00 - 2ND-3RD FLOOR PLANS
- 6. A-004.00 - 4TH FLOOR PLAN
- 7. A-005.00 - 5TH-6TH FLOOR PLAN
- 8. A-006.00 - ROOF & BULKHEAD PLANS

- 9. A-007.00 - FRONT BUILDING ELEVATIONS
- 10. A-008.00 - BUILDING ELEVATIONS & SECTIONS
- 11. N-001.00 - GENERAL NOTES

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ARCHITECTS, P.C.
143 TERRACE STREET
HAWORTH N.J. 07641
201-364-9595
N.J.R.A. LIC # 07976, 16378



PROPOSED NEW:
COMMERCIAL & COMM. FAC. BUILDING
131-10 AVERY AVENUE
QUEENS, NY 11355

REVISIONS		
NO.	DESCRIPTION	DATE

NO.	TO WHOM	DATE

ISSUES	JOB NO.

ISSUES	JOB NO.
DRAWN BY: JM	1433NJ
CHECKED BY: VF	DATE: 09.23.14

DWG. TITLE :
TITLE SHEET
PAGE NUMBER
1 OF 11

BSCAN STICKER

T-001.00.

ZONING CALCULATIONS

PREMISE: 131-10 AVERY AVE. FLUSHING, NY MAP NO.: 10B
 BLOCK: 5076 ZONE(S): C2-6A
 LOT: 61, 65 LOT AREA: 12,984 S.F.

AREAS AND LOT COVERAGE

LOT COVERAGE	MAX SF. PERMITTED	PROPOSED SF.	PROPOSED F.A.R.
TOTAL LOT AREA:	12984.07		
RES. LOT COVERAGE(%)	0.00	0.00	0.00
	0.80	10387.26	

FLOOR AREA (F.A.R.)	MAX BLDG. F.A.R. ALLOWED	TOTAL F.A.R.
COMMUNITY FACILITY F.A.R.	4.00	51936.28
COMMERCIAL F.A.R.	2.00	40842.92
		11093.08
		0.85
		4.00

FLOOR AREA BREAKDOWN						
	ACT. AREA	DEDUCTIONS	COMMERCIAL	COMMUNITY FACILITY	TOTAL Z.F.A.	UNITS PER FLOOR
CELLAR	0.00	0.00	0.0	0.0	0.00	
1ST FLOOR	11587.00	0.00	11093.08	493.9	11587.00	0
2ND FLOOR	9377.00	0.00	0.0	9377.00	9377.00	0
3RD FLOOR	9377.00	0.00	0.0	9377.00	9377.00	0
4TH FLOOR	9377.00	0.00	0.0	9377.00	9377.00	0
5TH FLOOR	6109.00	0.00	0.0	6109.00	6109.00	0
6TH FLOOR	6109.00	0.00	0.0	6109.00	6109.00	0
	51936.00	0.00	11093.08	40842.92	51936.00	0
TOTAL ZONING FLOOR AREA	51936.00		51936.28			0.3
			MAX ALLOWABLE			AVAILABLE

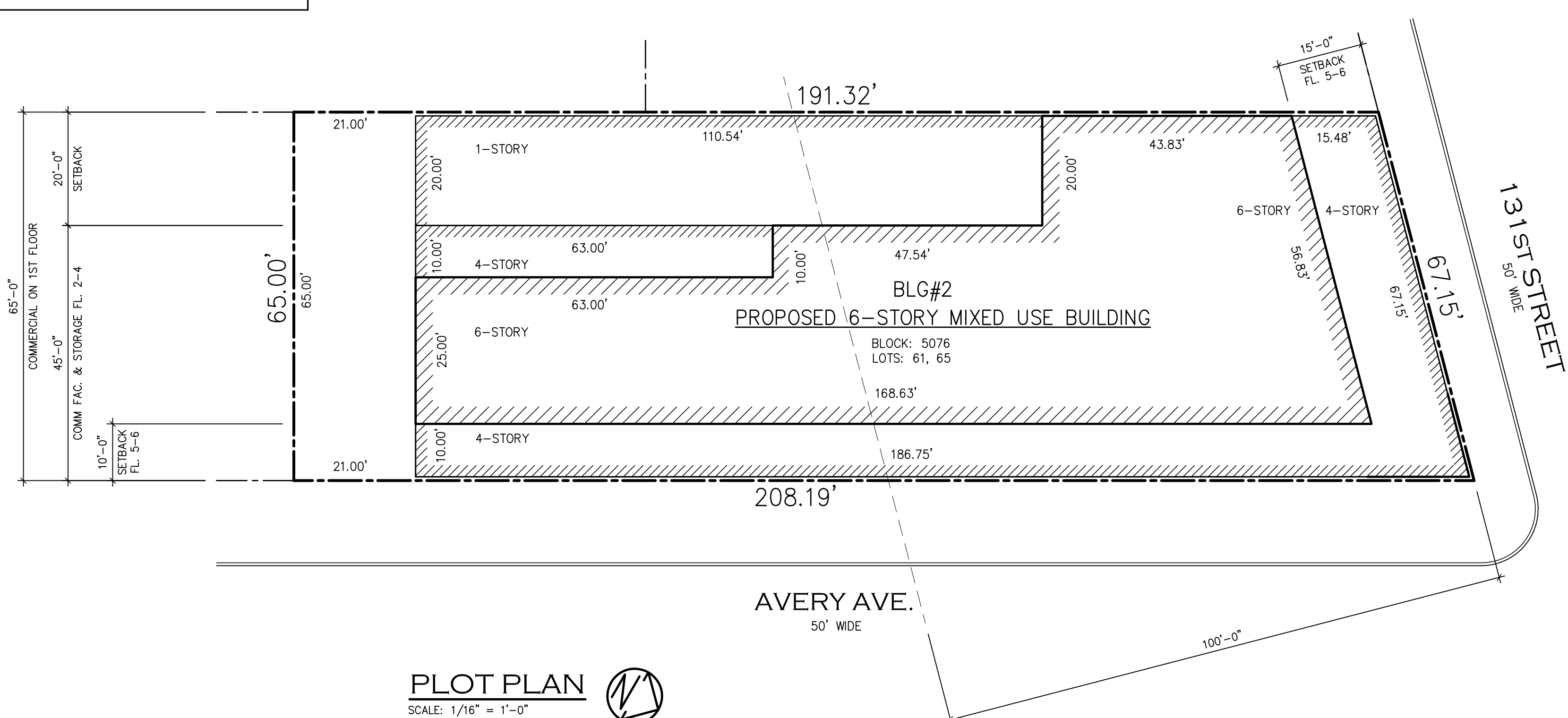
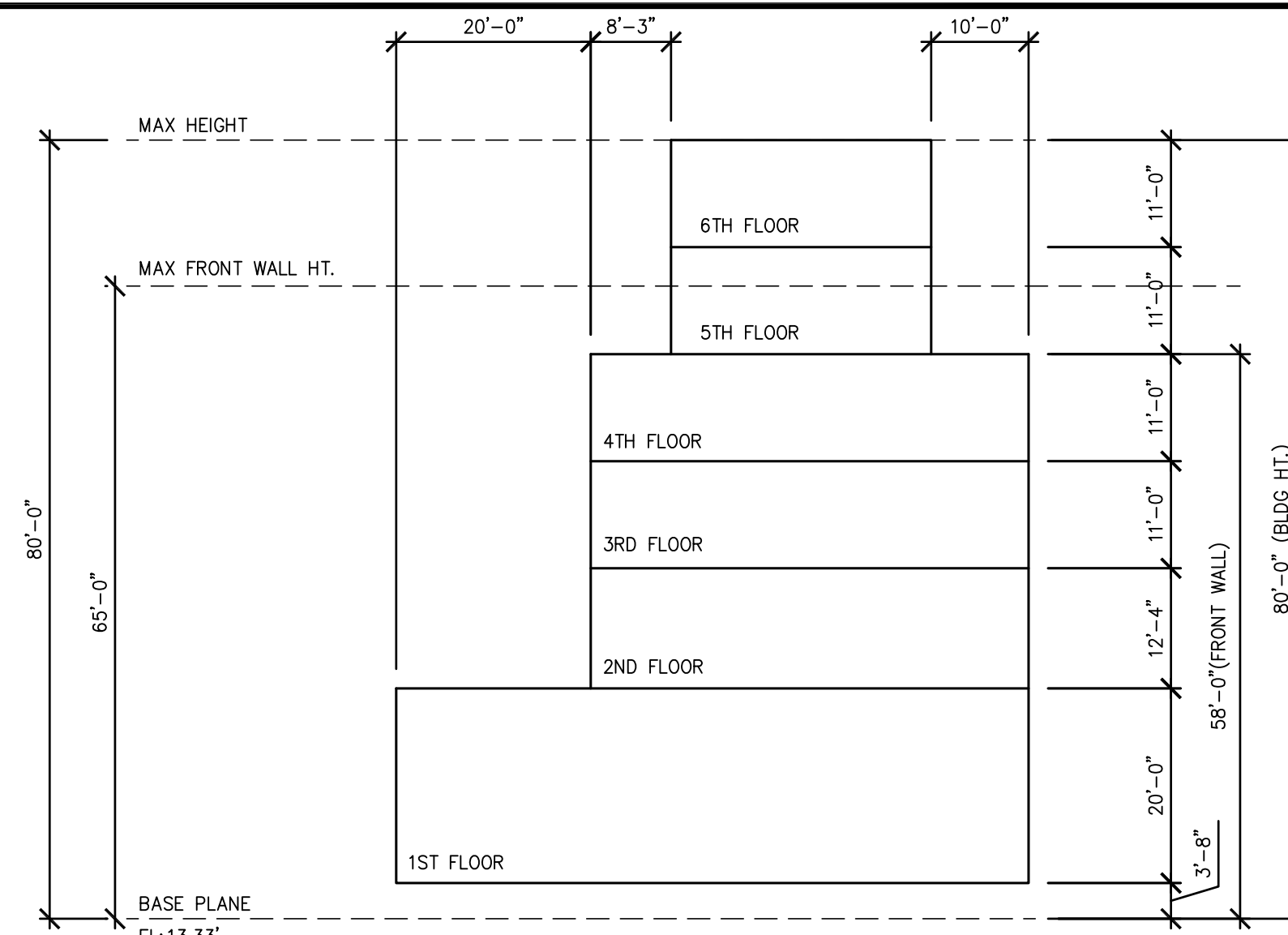
SEC. 33-122	FLOOR AREA RATIO BY COMMERCIAL DISTRICT	MAX. PERMITTED	PROPOSED
	TOTAL LOT AREA	12,984	12,984
	F.A.R.	2.0	2.0
	2.0 X 12,984	25,968	11,587
SEC. 33-123	FLOOR AREA RATIO BY COMMUNITY FACILITY	MAX. PERMITTED	PROPOSED
	F.A.R.	4.0	4.0
	4.0 X 12,984	51,936	51,936
SEC. 33-432	HEIGHTS AND SETBACKS	MAX. PERMITTED	PROPOSED
	MAXIMUM HEIGHT OF FRONT WALL	65'	56'
	MAXIMUM BUILDING HEIGHT	80'	80'
	FRONT SETBACK (WIDE STREET)	10'	10'
	FRONT SETBACK (NARROW STREET)	15'	15'
	SIDE YARD SETBACK	0'	0'
	REAR YARD SETBACK	20'	20'
	PERMITTED OBSTRUCTION	1-STORY BLDG MAX 23' IN HEIGHT	

LIST OF ABBREVIATIONS

A/C ASPH.	AIR CONDITIONER	G.C. GENERAL CONTRACTOR	RAD. REF.	RADIUS REFERENCE REGISTER
A.F.F. ACT.	ASPHALT AVERAGE ABOVE FINISHED FLOOR	GL.BLK. GYP.BD.	R.O.W.	RIGHT OF WAY
A.D. AREA DRAIN		GR. GRADE	R. RISER	ROUGH OPENING
B.S.M.T. BOARD	BASEMENT BOARD	HDR. HEAD	R.L. ROOF LEADER	
B.C. BOTTOM OF CURB		H.V.A.C. HEAT VENT/A-C		
B.R.G. BEARING		H.D. HEAVY DUTY		
B.O. BOTTOM OF		H.C. HOLLOW CORE		
B.P. BASE PLATE		H.M. HOLLOW METAL HOSE BIB		
CAB. CABINET		H.B. HOSE BIB		
C.F.M. CUBIC FEET PER MINUTE		INSUL. INSULATION		
C.L. CEILING		INV. INVERT		
C.O. COLUMN		KIT. KITCHEN		
C.M.U. CONCRETE MASONRY UNIT		KITTE. KITCHENETTE		
C.O. CLEAN OUT		K.S. KITCHEN SINK		
E. CENTER LINE		LDR. LEADER		
C.J. CEILING JOIST		L.G. LEGAL GRADE		
C.T. COLLAR TIES		M.F.R. MANUFACTURER		
C.W. CLOTHES WASHER		M.S. MASONRY		
CONC. CONCRETE		M.O. MASONRY OPENING		
DET. DETAIL		MISC. MISCELLANEOUS		
D.I.A.M. DIAMETER		M.L. MICROLAM (GEORGIA PACIFIC)		
DRWG. DRAWING		M.T. METAL		
DN. DOWN		N.T.S. NOT TO SCALE		
D.W. DISH WASHER		N.B. NON BEARING		
ELEV. ELEVATOR		O.C. ON CENTER		
EL. ELEVATION		O.D. OUTSIDE DIAMETER		
EXH. EXHAUST		PART. PARTITION		
EXT. EXTERIOR		P.L.A.M. PLASTIC LAMINATE		
E.A. EACH		P.L. PLATE		
E.W. EACH WAY		P.L.Y. PLYWOOD		
F.B. FACE BRICK		P.V.C. POLY VINYL CHLORIDE		
F.O.S. FACE OF STUDS		P.C.F. POUNDS PER CUBIC FEET		
FIN. FINISH		P.S.F. POUNDS PER SQUARE FEET		
F.P. FIRE PROTECTED		P.S.I. POUNDS PER SQUARE INCH		
FTG. FOOTING		P. PROPERTY LINE		
FND. FOUNDATION				
FL. FLOOR				
F.C. FIRE CODE				
F.P.S.C. FIRE PROT. SOLID CORE FLOOR DRAIN				
F.A.I. FRESH AIR INTAKE				

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
⊕	DUPLEX RECEPTACLE
⊕ _{G.F.A.}	DUPLEX RECEPTACLE WITH GROUND FAULTED INTERRUPT
⊕ ₃	3 WAY SWITCH (DIMMER)
⊕	STANDARD TELEPHONE OUTLET
⊕	MODEM LINE FOR COMPUTER
⊕	JUNCTION BOX
⊕	INCANDESCENT DOWNLIGHT FIXTURE
⊕ _{S.D.}	SMOKE DETECTOR TO BE HARD WIRED AND INTERCONNECTED
⊕ _{C.O./S.D.}	COMB. CARBON MONOXIDE & SMOKE DET. TO BE HARD WIRED AND INTERCONNECTED
⊕	SURFACE MOUNTED FIXTURE
⊕	EXTERIOR WALL MOUNTED FIXT.
⊕	EXIT LIGHT
⊕	CABLE TV HOOK UP
⊕	EXHAUST FAN W/ LIGHT OPTIONAL
⊕	PROGRAMMABLE THERMOSTAT



PLOT PLAN
SCALE: 1/16" = 1'-0"

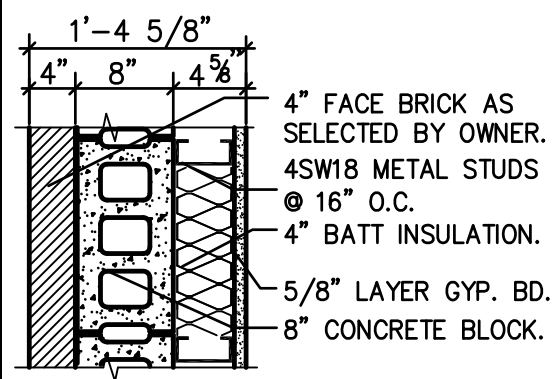
MATERIALS SCHEDULE

[Symbol]	BRICK
[Symbol]	CONCRETE BLOCK
[Symbol]	POURED CONCRETE
[Symbol]	INSULATION: BATTEN
[Symbol]	INSULATION: RIGID
[Symbol]	STEEL OR METAL
[Symbol]	GRANULAR FILL
[Symbol]	STONE
[Symbol]	WOOD: FINISH
[Symbol]	WOOD: FRAME

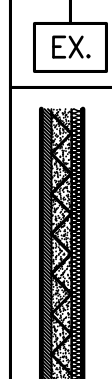
KEY TO SYMBOLS

[Symbol]	ROOM NAME
[Symbol]	ROOM NUMBER
[Symbol]	FINISH SCHEDULE CODE
[Symbol]	1ST DIGIT: FLOOR/BASE
[Symbol]	2ND DIGIT: WALLS/WANSOAT
[Symbol]	3RD DIGIT: CEILING
[Symbol]	CEILING HEIGHT
[Symbol]	DOOR TYPE
[Symbol]	HARDWARE SET
[Symbol]	THRESHOLD TYPE
[Symbol]	WINDOW TYPE
[Symbol]	INTERIOR ELEVATION DESIG.
[Symbol]	ELEVATION NUMBER
[Symbol]	DRAWING NUMBER
[Symbol]	CROSS REFERENCE
[Symbol]	BUILDING SECTION DESIG.
[Symbol]	SECTION NUMBER
[Symbol]	DRAWING NUMBER
[Symbol]	CROSS REFERENCE
[Symbol]	DETAIL DESIGNATION
[Symbol]	DETAIL NUMBER
[Symbol]	DRAWING NUMBER
[Symbol]	CROSS REFERENCE

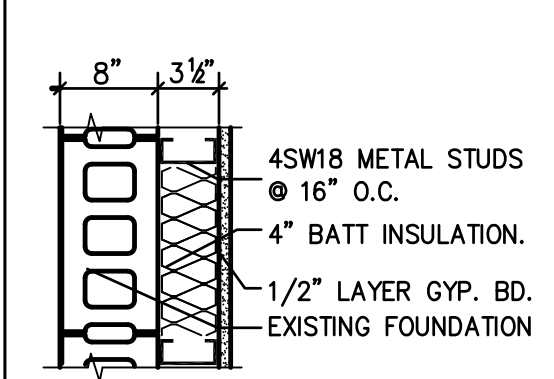
EXTERIOR WALL



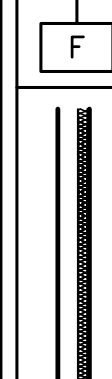
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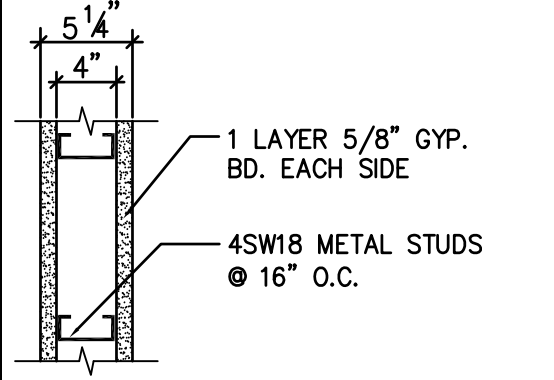
TYPICAL FURRING DETAIL



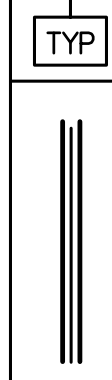
PLAN SYMBOL



TYPICAL PARTITION



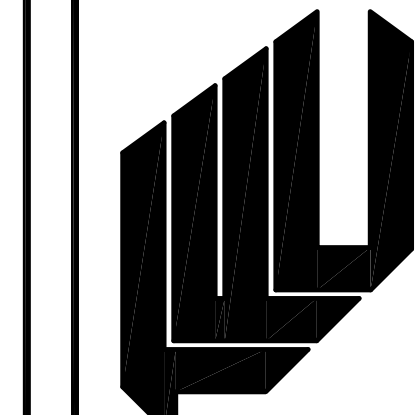
PLAN SYMBOL



ROOM FINISH MATERIAL CODE LIST

FLOOR/BASE	WALLS/WANSOAT	CEILING	REMARKS
0 EXPOSED STRUCTURE W/ SLAB SEALANT	0 EXPOSED STRUCTURE NO FINISH	0 EXPOSED STRUCTURE NO FINISH	
1 VINYL ASPHALT TILE / 4" WOOD BASE	A GYPSUM BOARD W/ VINYL WALL COVERING	1 GYPSUM BOARD W/ PAINT FINISH (CROWN MOLDING TO BE SELECTED BY OWNER)	
2 VINYL ASPHALT TILE / 4" VINYL BASE	B GLASS	2 5/8" TYPE "X" F.C. GYPSUM BD. (SEE REMARK)	1 HOUR RATED
3 CARPET / 6" WOOD BASE	C GLASS BLOCK	3 SUSPENDED GYPSUM BOARD W/ PAINT FINISH	
4 CARPET / 4" VINYL BASE	D CERAMIC TILE	4 SUSPENDED ACOUSTICAL TILE	
5 HARDWOOD FLOOR / 4" VINYL BASE	E GYPSUM BOARD W/ PAINT FINISH / CER. TILE @ 4'-0"	5 SUSPENDED METAL	
6 HARDWOOD FLOOR WOOD BASE	F PLASTER ON METAL LATH	6 CERAMIC TILE	
7 CERAMIC TILE / CERAMIC TILE BASE	G ARCHITECTURAL PANELING	7 LUMINOUS PANEL IN SUSPENDED CEILING	
8 CERAMIC TILE / WOOD BASE	H BRICK	8 CEMENT PLASTER	
9 QUARRY TILE / 6" VINYL BASE	I EXPOSED CONC. BLOCK W/ PAINT FINISH	9	
10 QUARRY TILE / 6" WOOD BASE	J GYPSUM BOARD W/ PAINT FINISH	10	
11 QUARRY TILE / QUARRY BASE	K	11	
12 RUBBER FLOOR / 4" VINYL BASE	L	12	
13 SLATE/6" WOOD BASE	M	13	

T.F. CUSANELLI & FILLETTI ARCHITECTS, P.C.
 145 TERRACE STREET
 HAWORTH N.J. 07641
 201-384-9595
 N.J. R.A. LIC # 07976, 16378



PROPOSED NEW:
COMMERCIAL & COMM. FAC. BUILDING
 131-10 AVERY AVENUE
 QUEENS, NY 11355

REVISIONS		
NO.	DESCRIPTION	DATE

NO.	TO WHOM	DATE

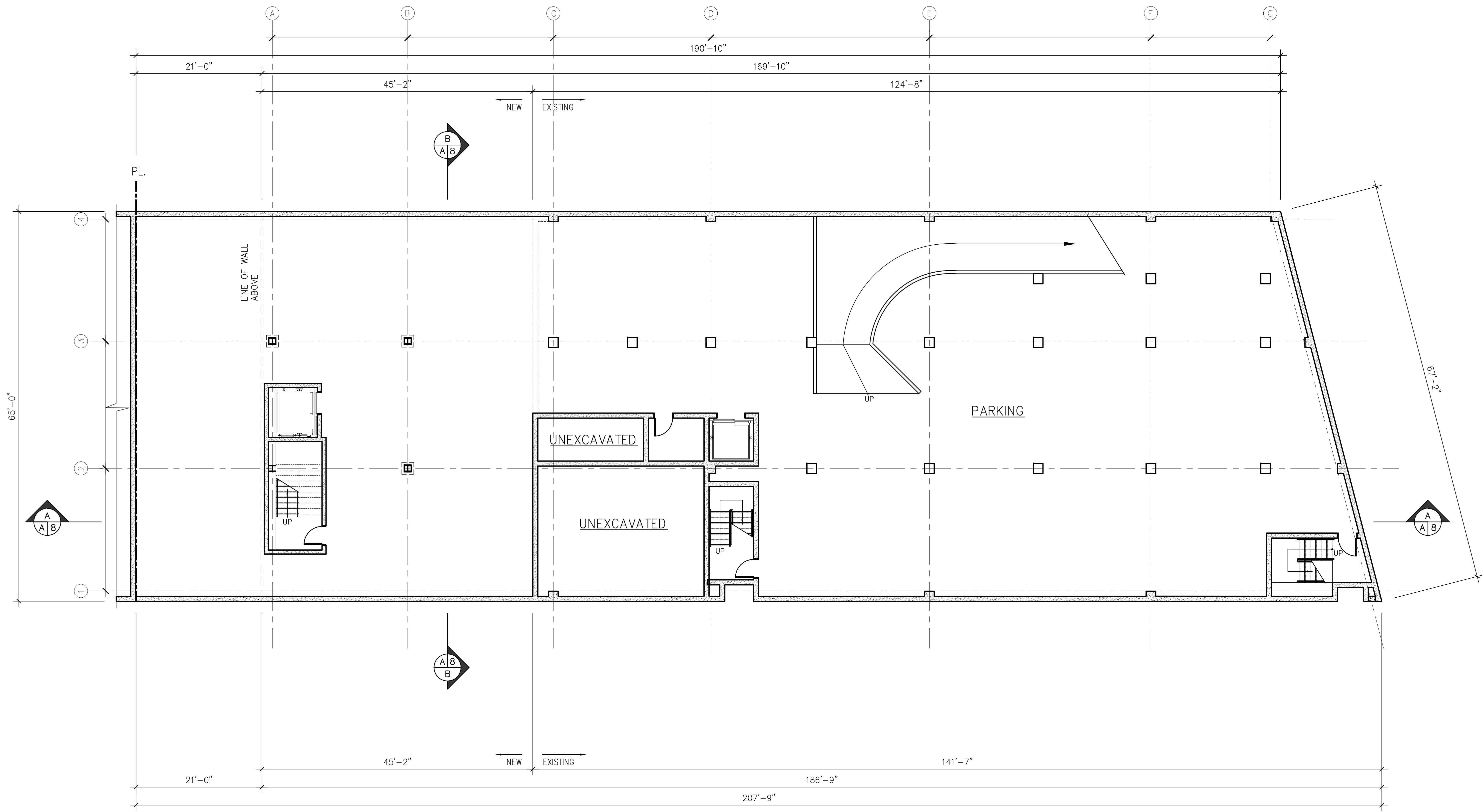
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CHECKED BY:	VF	DATE:	09.23.14

DWG. TITLE :

ZONING INFO. & PLOT PLAN

PAGE NUMBER
2 OF 11

Z-001.00



CELLAR FLOOR PLAN
 SCALE: 1/8" = 1'-0"

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 145 TERRACE STREET
 HAWORTH, N.J. 07641
 201.384.9595
 N.J. R.A. LIC # 07976.16378

PROPOSED NEW:
COMMERCIAL & COMM. FAC. BUILDING
 131-10 AVERY AVENUE
 QUEENS, NY 11355

REVISIONS		
NO.	DESCRIPTION	DATE

NO.	TO WHOM:	DATE

ISSUES	JOB NO.

ISSUES	JOB NO.

DRAWN BY:	JOB NO.
JM	1433NJ

CHECKED BY:	DATE:
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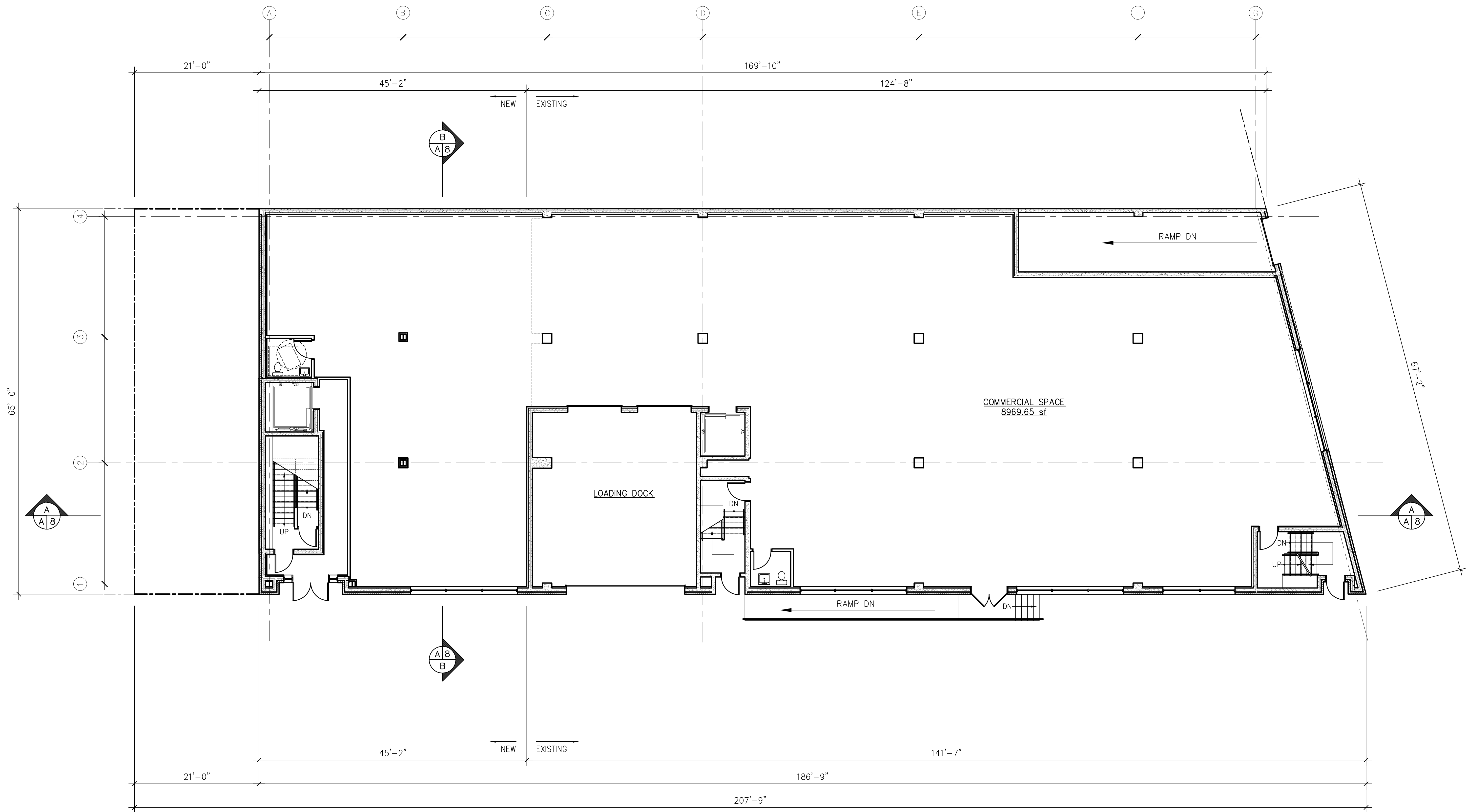
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CELLAR/ FOUNDATION FLOOR PLAN & DETAILS

PAGE NUMBER
3 OF 11

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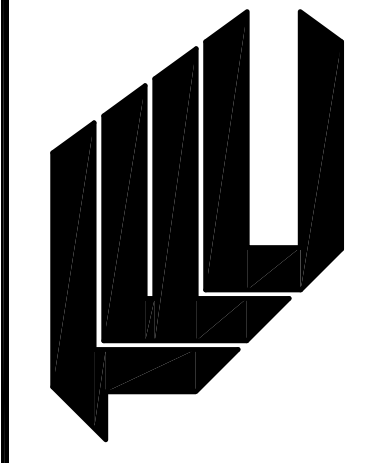
BSCAN STICKER

A-001.00.



FIRST FLOOR PLAN
 SCALE: 1/8" = 1'-0"

T.F. CUSANELLI & FILLETTI ARCHITECTS, P.C.
 145 TERRACE STREET
 HAWORTH, N.J. 07641
 201.384.9595
 N.J. R.A. LIC # 07976, 16378



PROPOSED NEW:
COMMERCIAL & COMM. FAC. BUILDING
 131-10 AVERY AVENUE
 QUEENS, NY 11355

REVISIONS		
NO.	DESCRIPTION	DATE

NO.	TO WHOM:	DATE

ISSUES	JOB NO.

ISSUES	JOB NO.

DRAWN BY:	JOB NO.
JM	1433NJ

CHECKED BY:	DATE:
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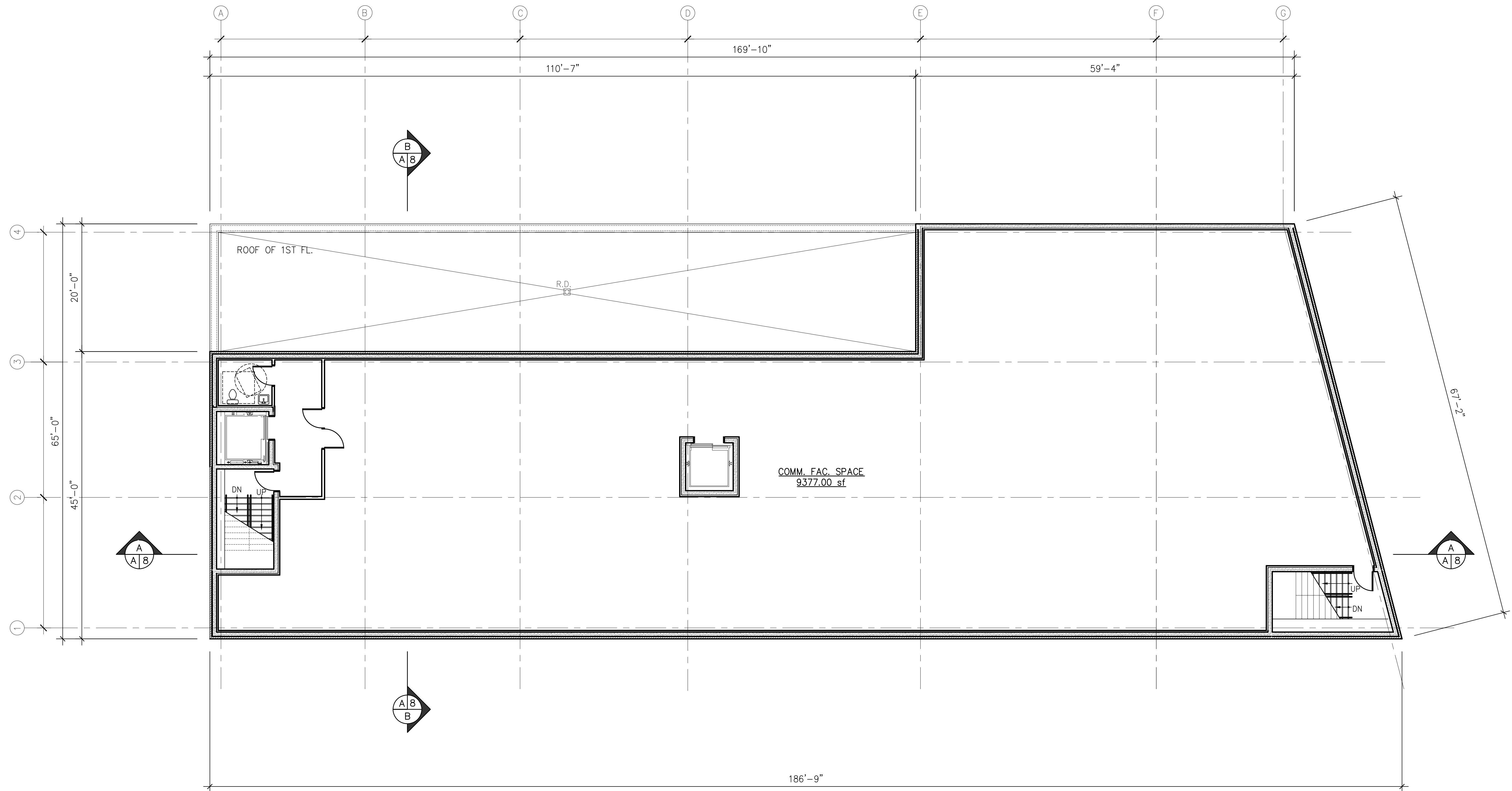
1ST FLOOR PLAN & DETAILS

PAGE NUMBER
4 OF 11

BSCAN STICKER

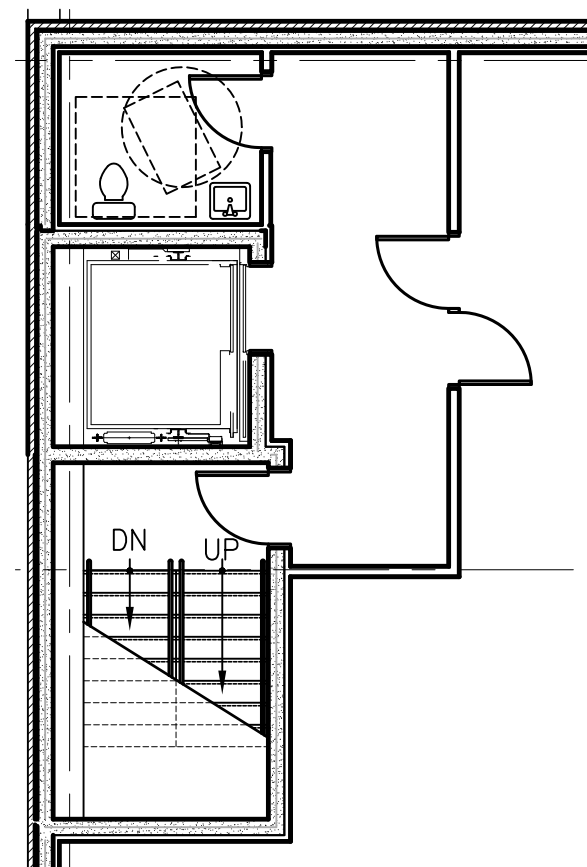
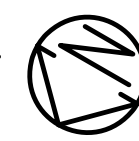
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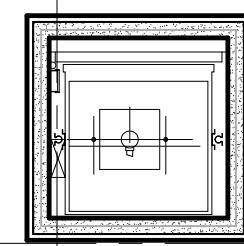
2ND - 4TH FLOOR PLAN

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



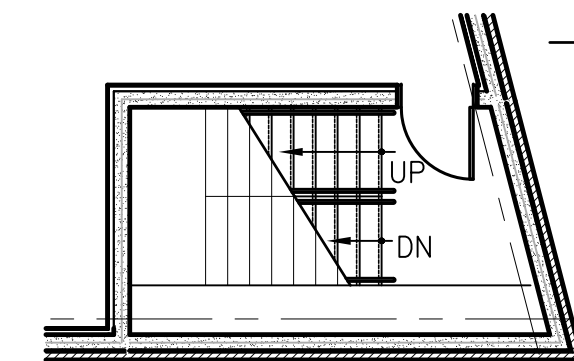
PARTIAL 3RD FLOOR PLAN

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



PARTIAL 3RD FLOOR PLAN

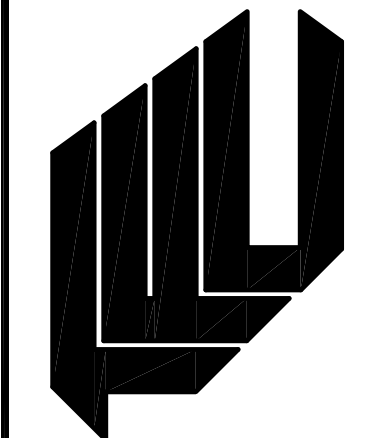
SCALE: 1/8" = 1'-0"



PARTIAL 3RD FLOOR PLAN

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

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 N.J. R.A. LIC # 07976.16378

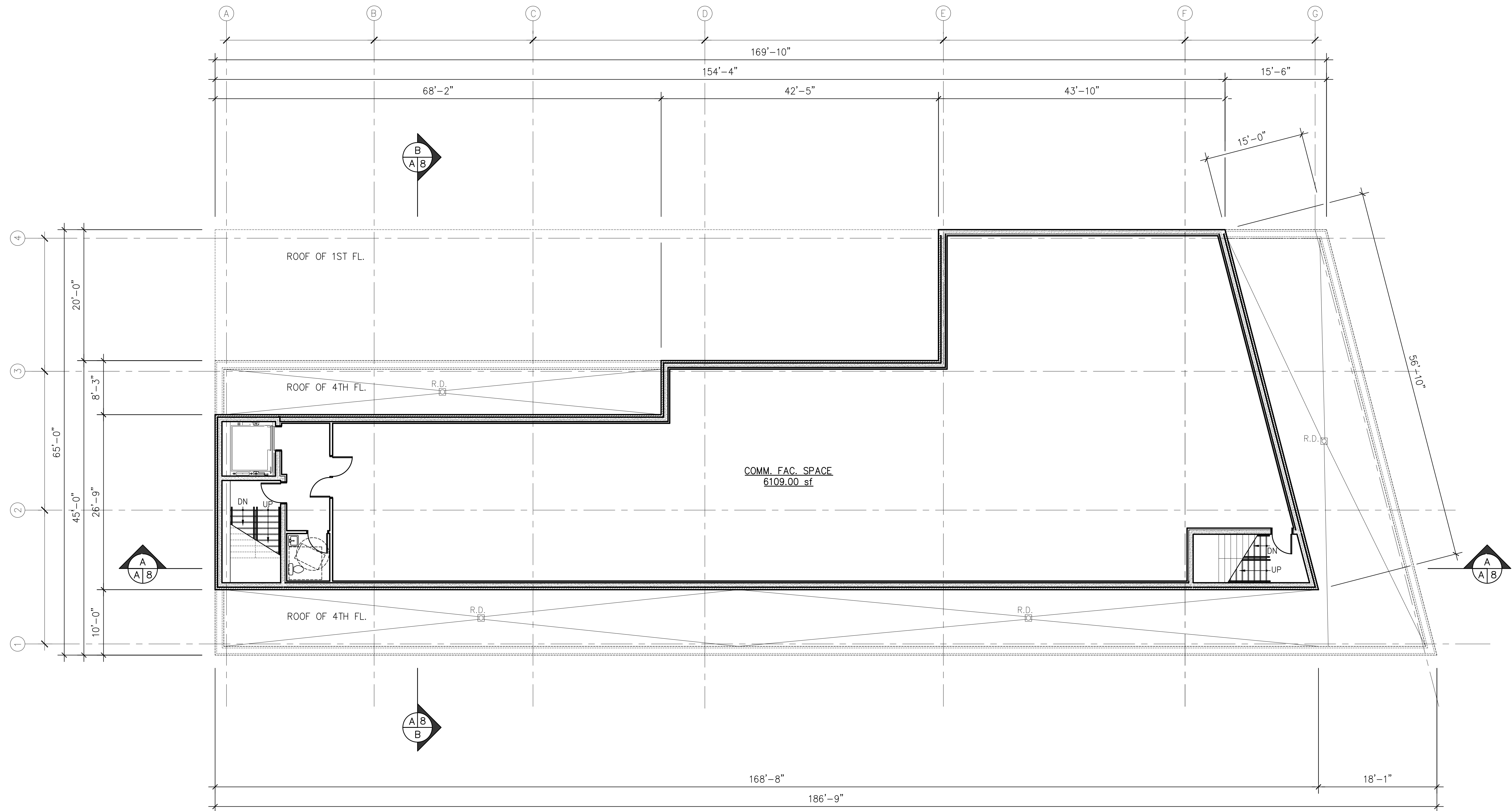


PROPOSED NEW:
COMMERCIAL & COMM. FAC. BUILDING
 131-10 AVERY AVENUE
 QUEENS, NY 11355

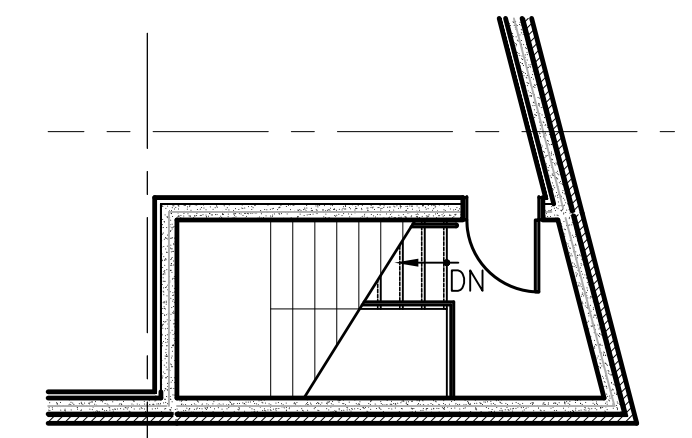
REVISIONS		
NO.	DESCRIPTION	DATE

NO.	TO WHOM:	DATE
	ISSUES	
DRAWN BY:	JM	JOB NO. 1433NJ
CHECKED BY:	VF	DATE: 09.23.14
DWG. TITLE:		
2ND - 3RD FLOOR PLANS		
PAGE NUMBER		
5 OF 11		

BSCAN STICKER

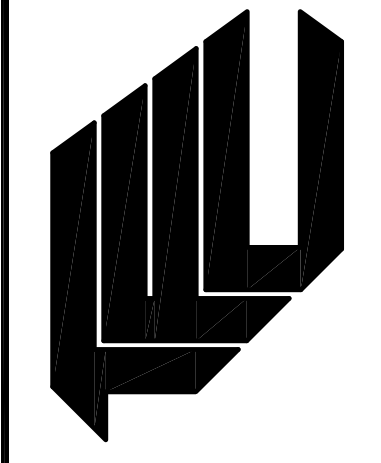


5TH - 6TH FLOOR PLAN
 SCALE: 1/8" = 1'-0"



PARTIAL 6TH FLOOR PLAN
 SCALE: 1/8" = 1'-0"

T.F. CUSANELLI & FILLETTI ARCHITECTS, P.C.
 145 TERRACE STREET
 HAWORTH N.J. 07641
 201.384.9595
 N.J. R.A. LIC # 07976.16378



PROPOSED NEW:
COMMERCIAL & COMM. FAC. BUILDING
 131-10 AVERY AVENUE
 QUEENS, NY 11355

REVISIONS		
NO.	DESCRIPTION	DATE

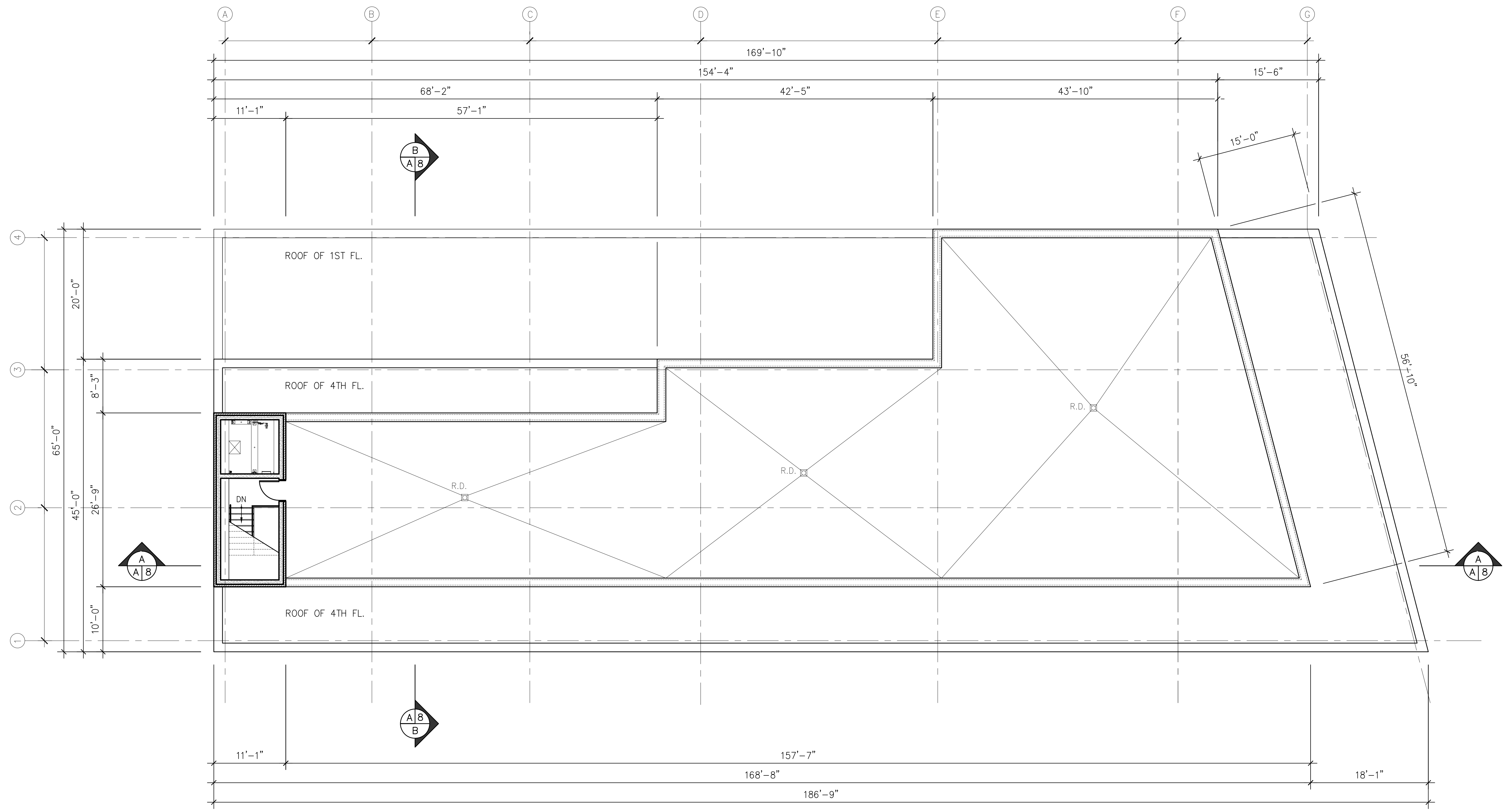
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DRAWN BY:	JM	JOB NO.	1433NJ
CHECKED BY:	VF	DATE:	09.23.14

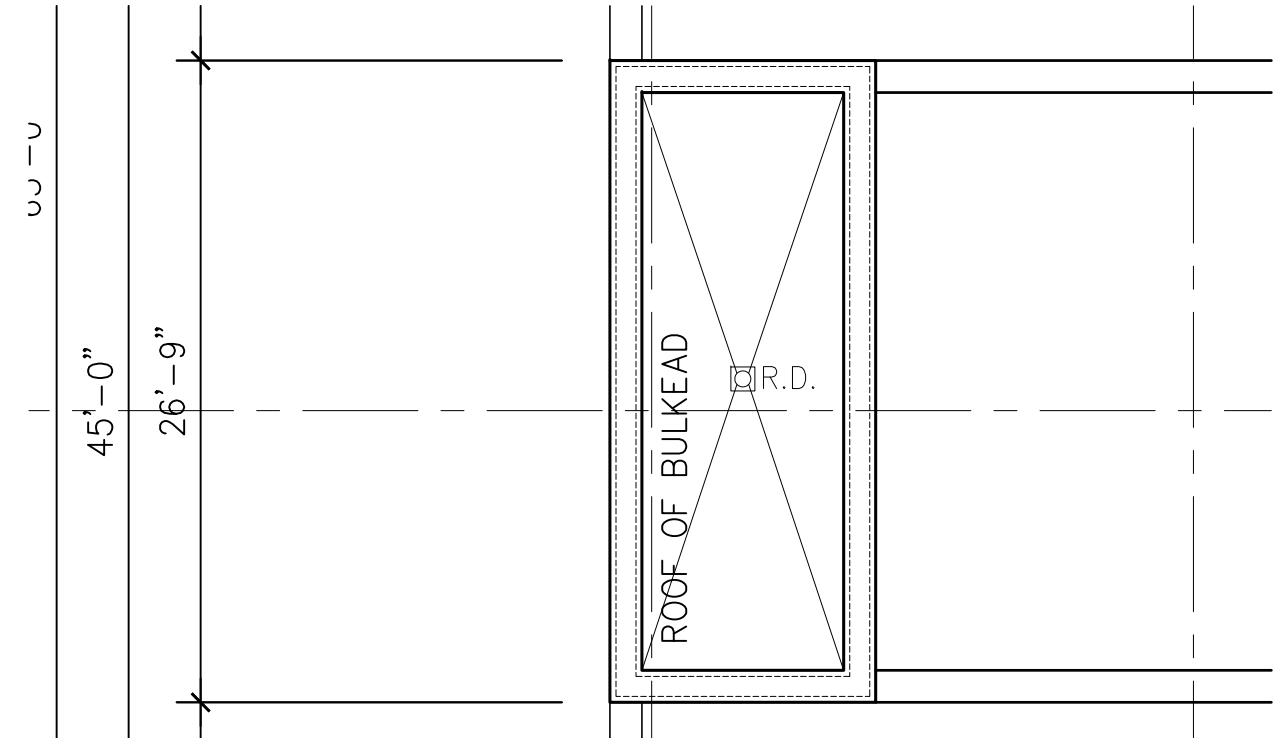
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 5TH - 6TH FLOOR PLANS

PAGE NUMBER
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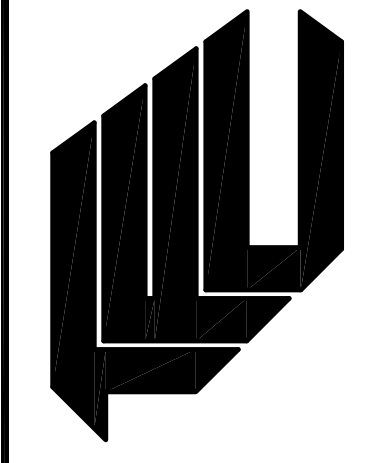


ROOF PLAN
SCALE: 1/8" = 1'-0"



BULKHEAD ROOF PLAN
SCALE: 1/8" = 1'-0"

T.F. CUSANELLI & FILLETTI ARCHITECTS, P.C.
149 TERRACE STREET
HAWORTH, N.J. 07641
201.364.9595
N.J. R.A. LIC # 07976.16378



PROPOSED NEW:
COMMERCIAL & COMM. FAC. BUILDING
131-10 AVERY AVENUE
QUEENS, NY 11355

REVISIONS		
NO.	DESCRIPTION	DATE

NO.	TO WHOM:	DATE

ISSUES	JOB NO.
	1433NJ

CHECKED BY:	DATE:
VF	09.23.14

DWG. TITLE :
BULKHEAD PLAN & ROOF DETAILS

PAGE NUMBER
8 OF 11

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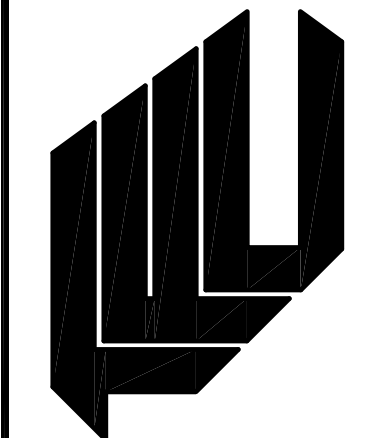
BSCAN STICKER

A-006.00.



FRONT (AVERY AVE.) ELEVATION
 SCALE: 1/8" = 1'-0"

T.F. CUSANELLI & FILLETTI ARCHITECTS, P.C.
 145 TERRACE STREET
 HAWORTH, N.J. 07641
 201-364-9595
 N.J. R.A. LIC # 07976, 16378



PROPOSED NEW :
COMMERCIAL & COMM. FAC. BUILDING
 131-10 AVERY AVENUE
 QUEENS, NY 11355

REVISIONS		
NO.	DESCRIPTION	DATE

NO.	TO WHOM:	DATE

ISSUES	JOB NO.

ISSUES	DATE

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JM	1433NJ

CHECKED BY:	DATE
VF	09.23.14

DWG. TITLE :

FRONT BUILDING ELEVATION

PAGE NUMBER
9 OF 11

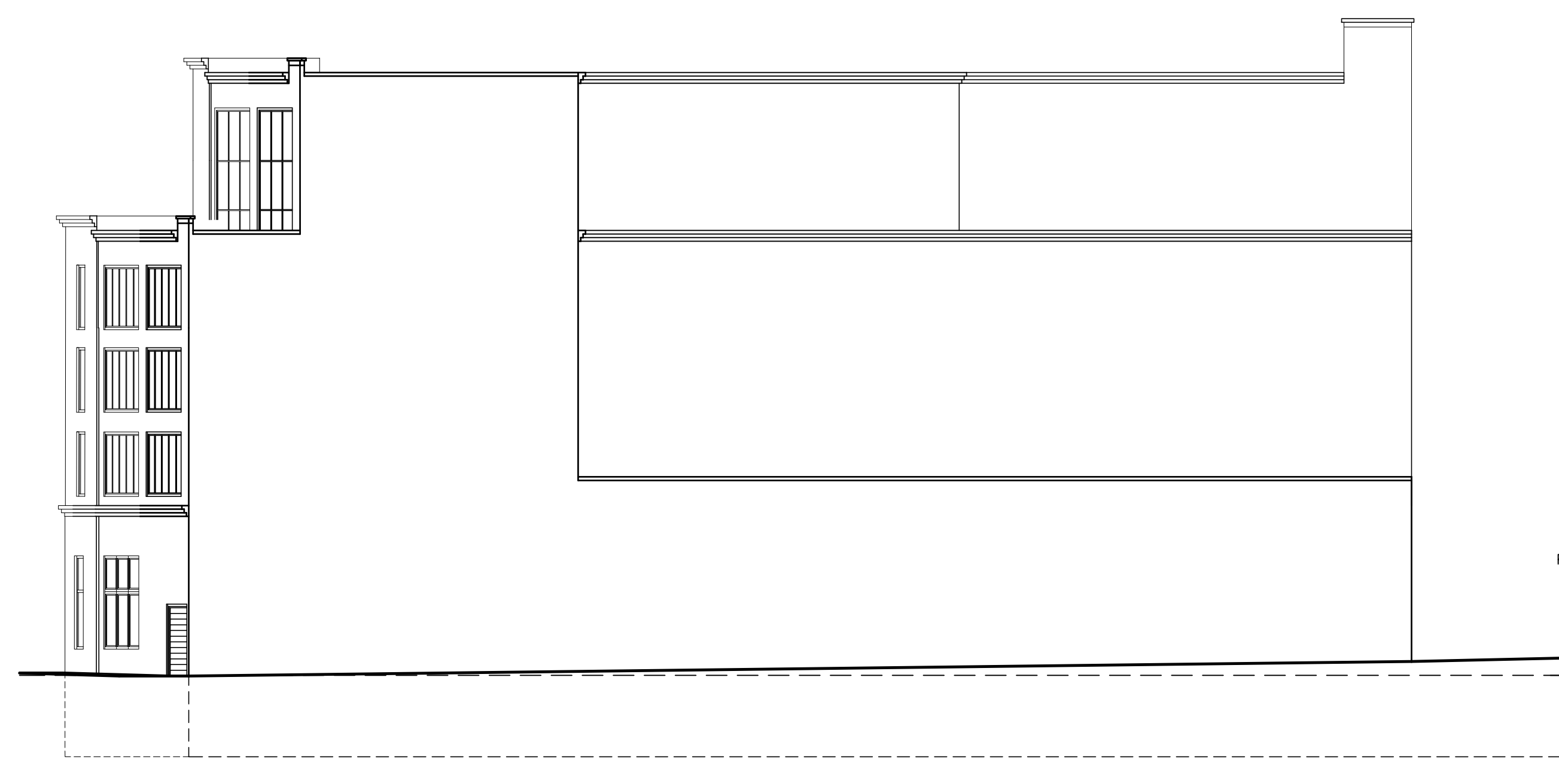
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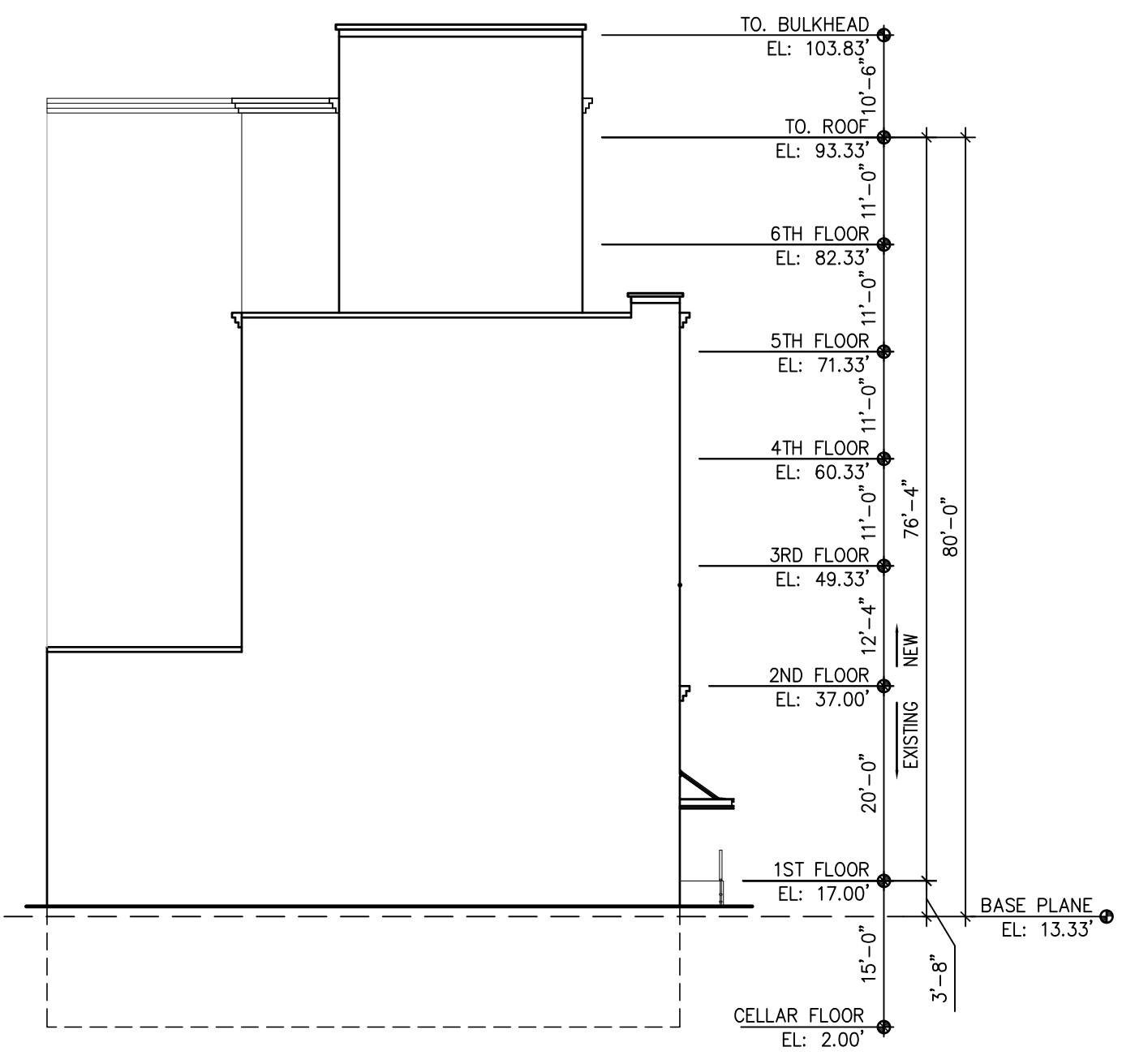
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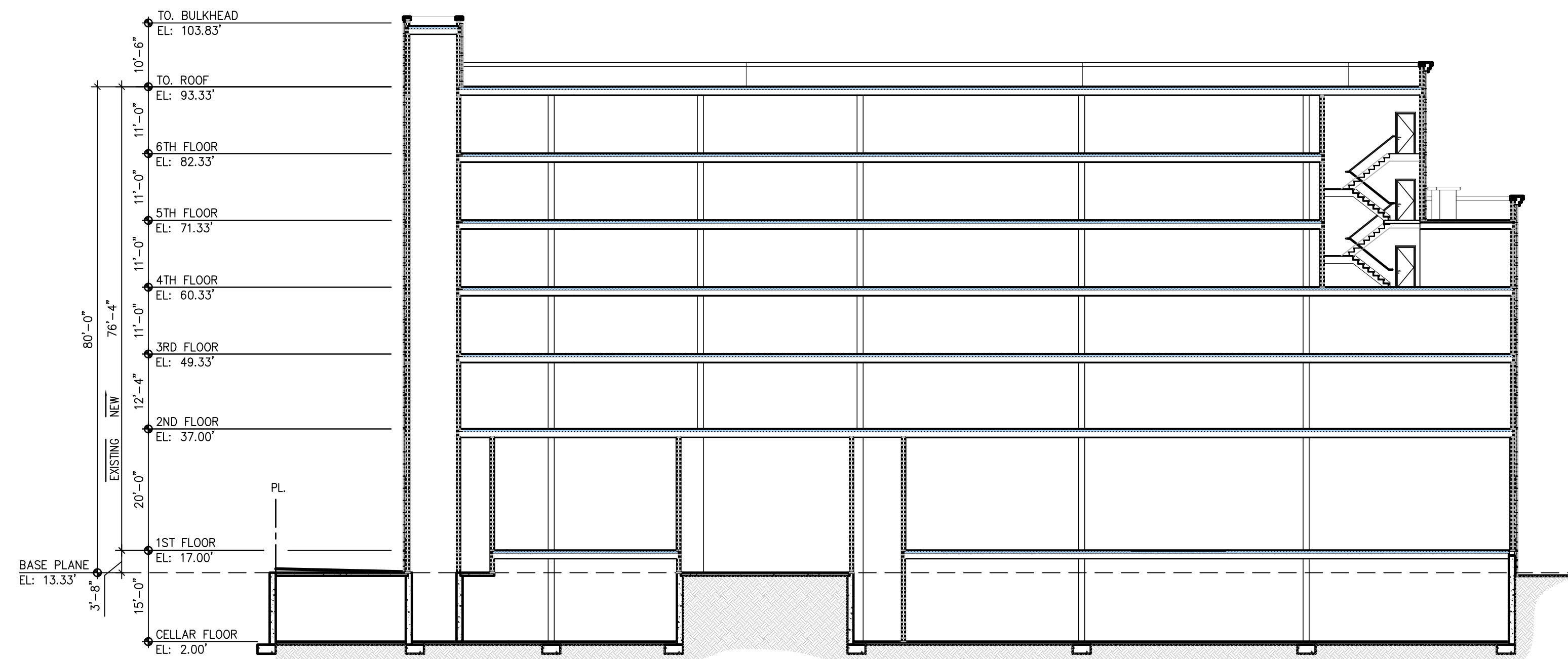
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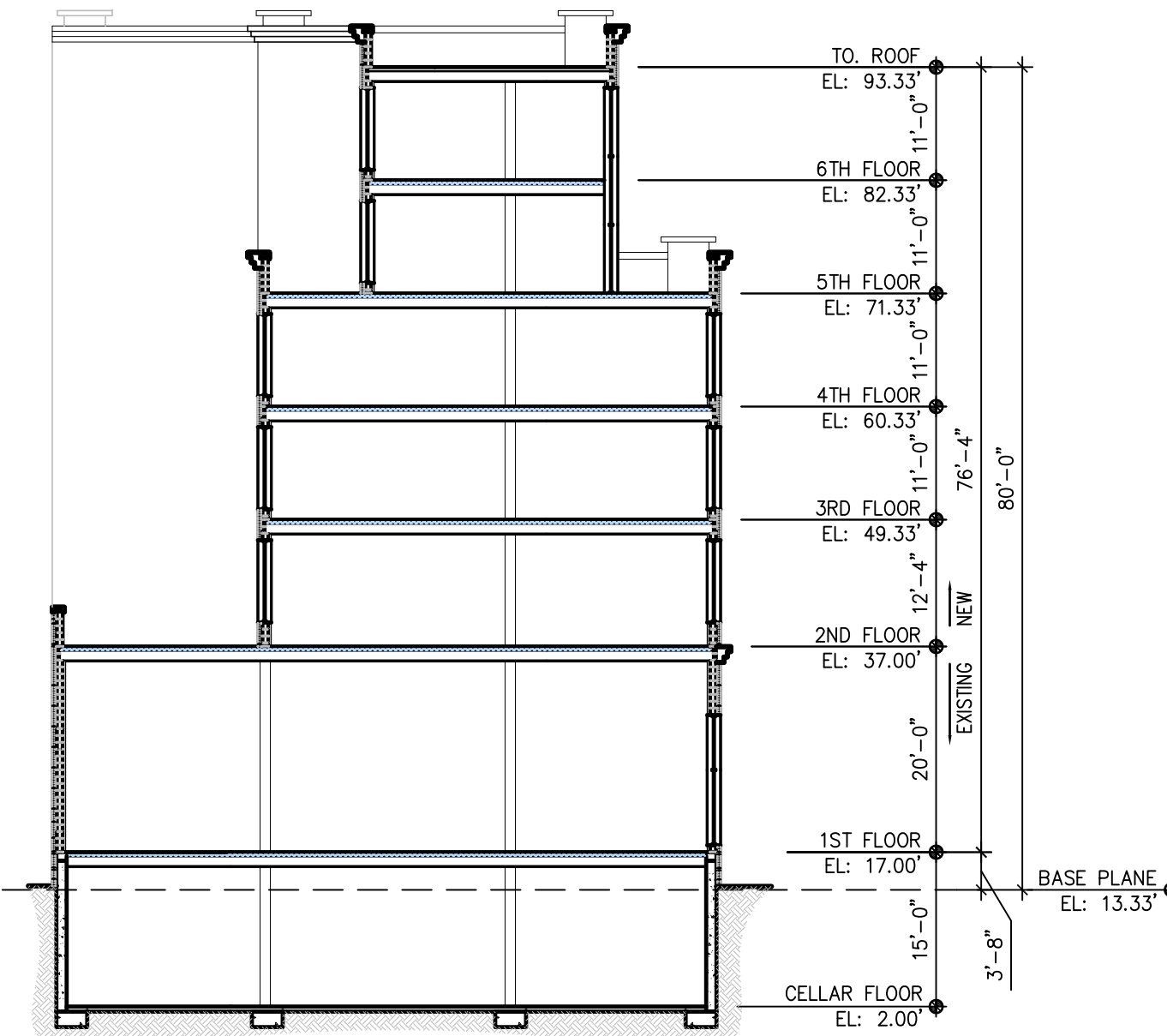
REAR ELEVATION
SCALE: 1/16" = 1'-0"



LEFT (EAST) ELEVATION
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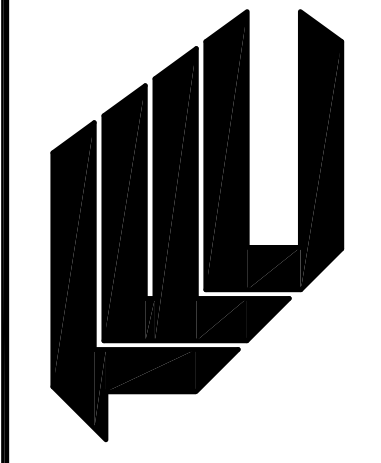


SECTION A-A
SCALE: 1/16" = 1'-0"



SECTION B-B
SCALE: 1/16" = 1'-0"

T.F. CUSANELLI & FILLETTI ARCHITECTS, P.C.
145 TERRACE STREET
HAWORTH, N.J. 07641
201.384.9595
N.J. R.A. LIC # 07976.16378



PROPOSED NEW:
COMMERCIAL & COMM. FAC. BUILDING
131-10 AVERY AVENUE
QUEENS, NY 11355

REVISIONS		
NO.	DESCRIPTION	DATE

NO.	TO WHOM	DATE

DRAWN BY:	JOB NO.
JM	1433NJ

CHECKED BY:	DATE:
VF	09.23.14

DWG. TITLE:
BUILDING ELEVATIONS & SECTIONS

PAGE NUMBER
10 OF 11

BSCAN STICKER

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PERPSECTIVE NOTE:
RENDERING IS FOR ILLUSTRATION PURPOSES ONLY AND NOT
TO BE USED FOR CONSTRUCTION.

PROPOSED NEW:
MIXED USE BUILDING
131-32 AVERY AVE.
QUEENS, NY 11355

D R A W I N G L I S T

- | | | |
|--|---|---|
| 1. T-001.00 - TITLE SHEET | 5. A-003.00 - 2ND-4TH FLOOR PLANS | 9. A-007.00 - REAR & LEFT BUILDING ELEVATIONS |
| 2. Z-001.00 - ZONING INFO, PLOT PLAN & LEGENDS | 6. A-004.00 - 5TH-6TH FLOOR PLAN | 10. A-008.00 - BUILDING SECTIONS |
| 3. A-001.00 - CELLAR/FOUNDATION FLOOR PLAN & DETAILS | 7. A-005.00 - ROOF PLAN & BULKHEAD DETAILS | 11. P-001.00 - PLUMBING RISER & GAS RISER |
| 4. A-002.00 - 1ST FLOOR PLAN & DETAILS | 8. A-006.00 - FRONT & RIGHT BUILDING ELEVATIONS | 12. N-001.00 - GENERAL NOTES |

T.F. CUSANELLI & FILLETTI
ARCHITECTS, P.C.

143 TERRACE STREET
HAWORTH N.J. 07641
201-384-9595
N.J.R.A. LIC # 07976, 16378



PROPOSED NEW:
COMMERCIAL & COMM. FAC. BUILDING
131-32 AVERY AVENUE
QUEENS, NY 11355

REVISIONS

NO.	DESCRIPTION	DATE

ISSUES

NO.	TO WHOM	DATE

DWG. TITLE :

TITLE SHEET

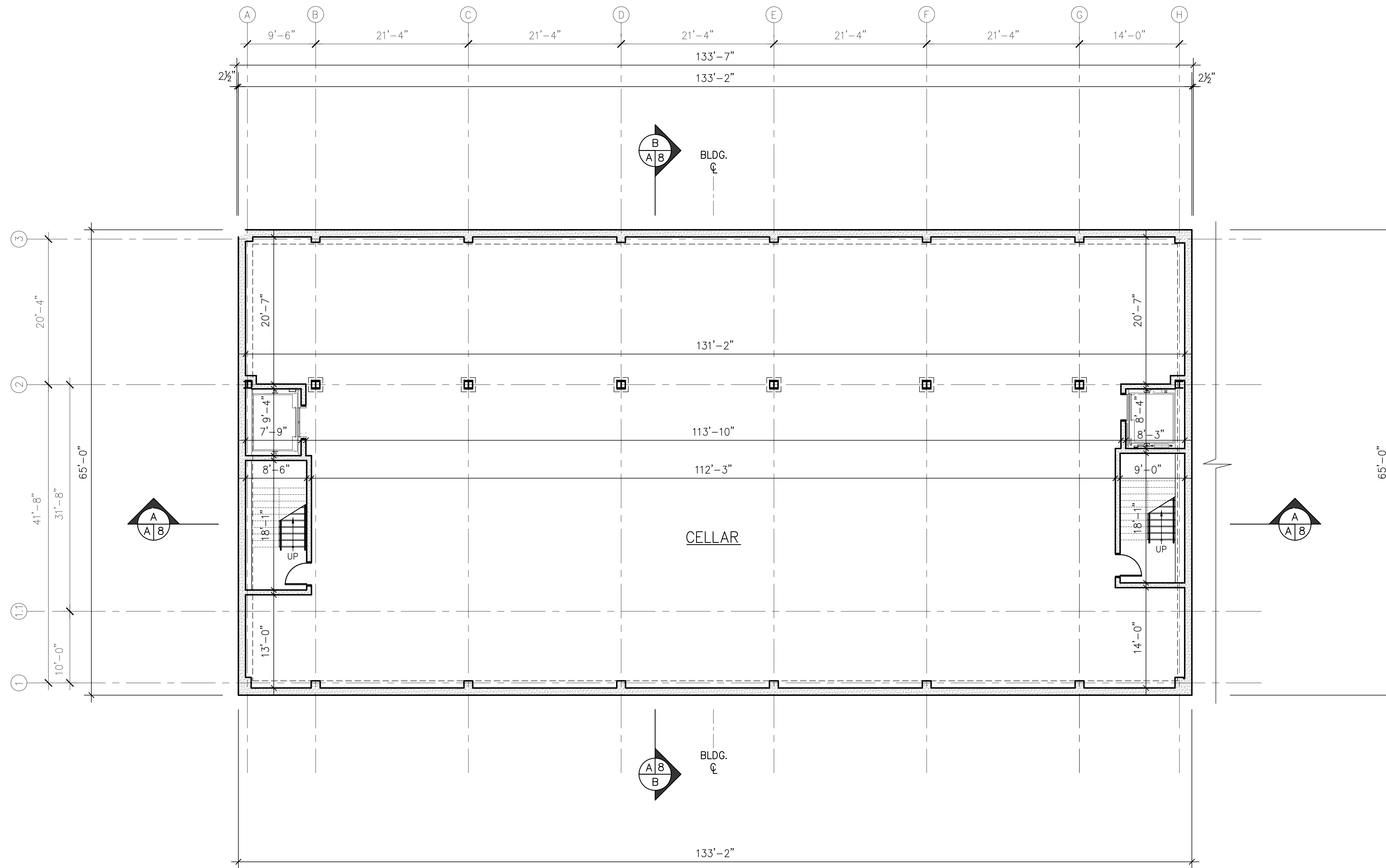
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1 OF 12

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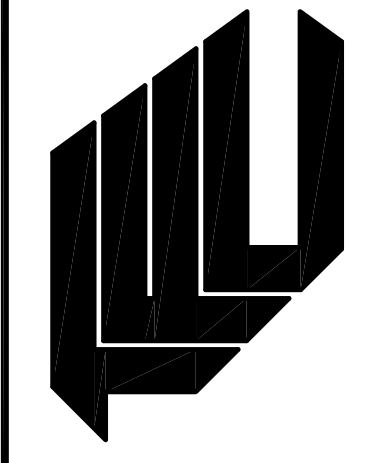
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CELLAR FLOOR PLAN
 SCALE: 1/8" = 1'-0"

T.F. CUSANELLI & FILLETTI ARCHITECTS, P.C.
 143 TERRACE STREET
 HAWORTH N.J. 07641
 201-384-9595
 N.J. R.A. LIC # 07976, 16378



PROPOSED NEW:
COMMERCIAL & COMM. FAC. BUILDING
 131-32 AVERY AVENUE
 QUEENS, NY 11355

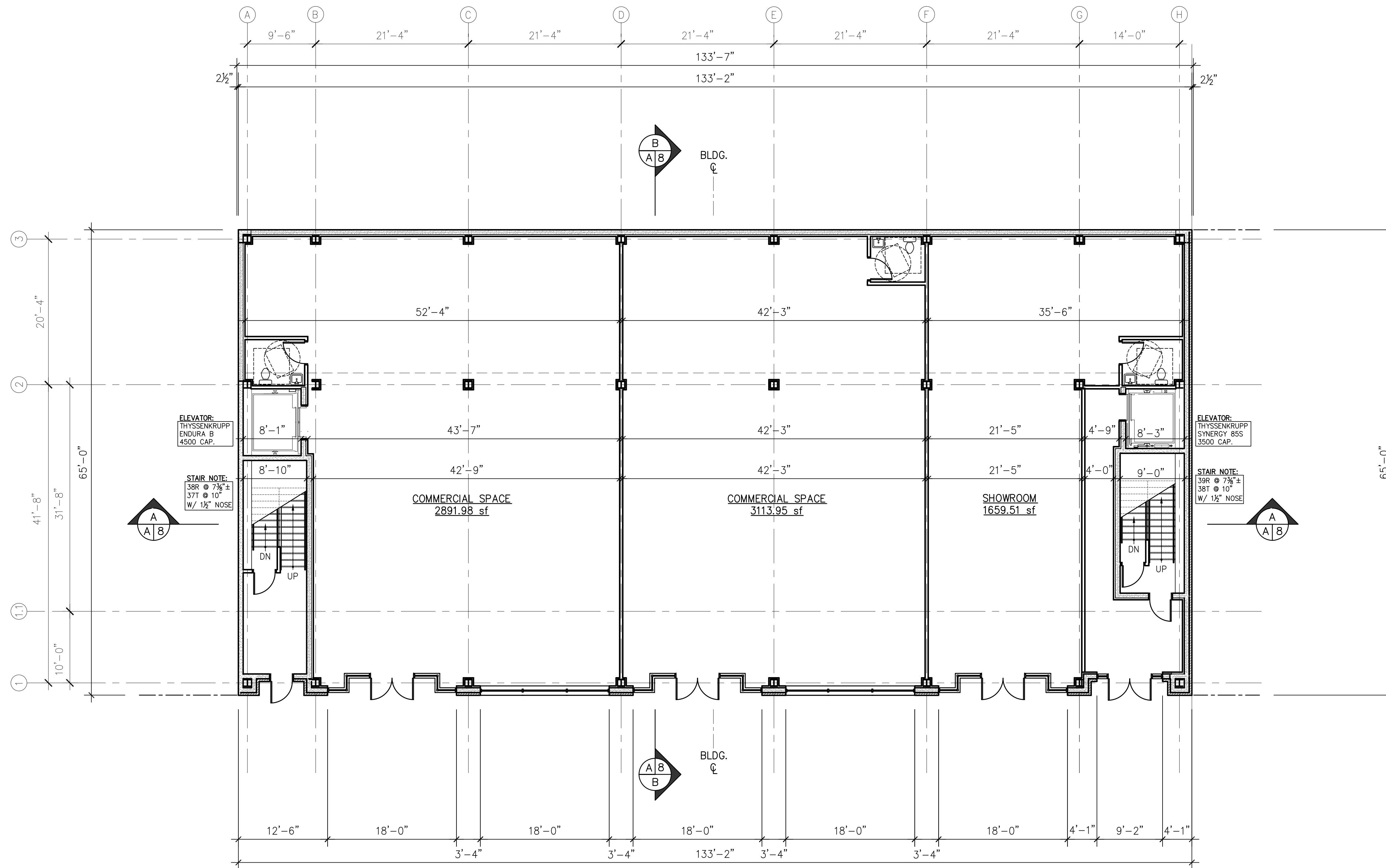
REVISIONS		
NO.	DESCRIPTION	DATE

NO.	TO WHOM:	DATE
	ISSUES	

DRAWN BY:	JM	JOB NO.	1433NJ
CHECKED BY:	VF	DATE:	09.23.14

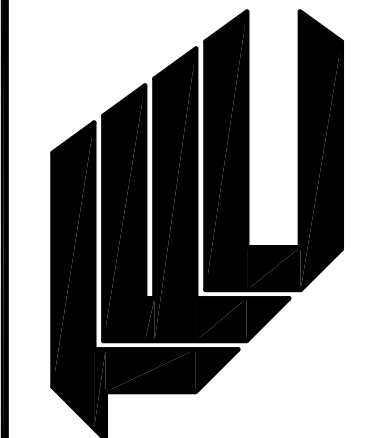
DWG. TITLE :
 CELLAR/
 FOUNDATION
 FLOOR PLAN &
 DETAILS
 PAGE NUMBER
 3 OF 12

BSCAN STICKER



FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

T.F. CUSANELLI & FILLETTI ARCHITECTS, P.C.
145 TERRACE STREET
HAWORTH N.J. 07641
201-364-9595
N.J. R.A. LIC # 07976, 16378



PROPOSED NEW:
COMMERCIAL & COMM. FAC. BUILDING
131-32 AVERY AVENUE
QUEENS, NY 11355

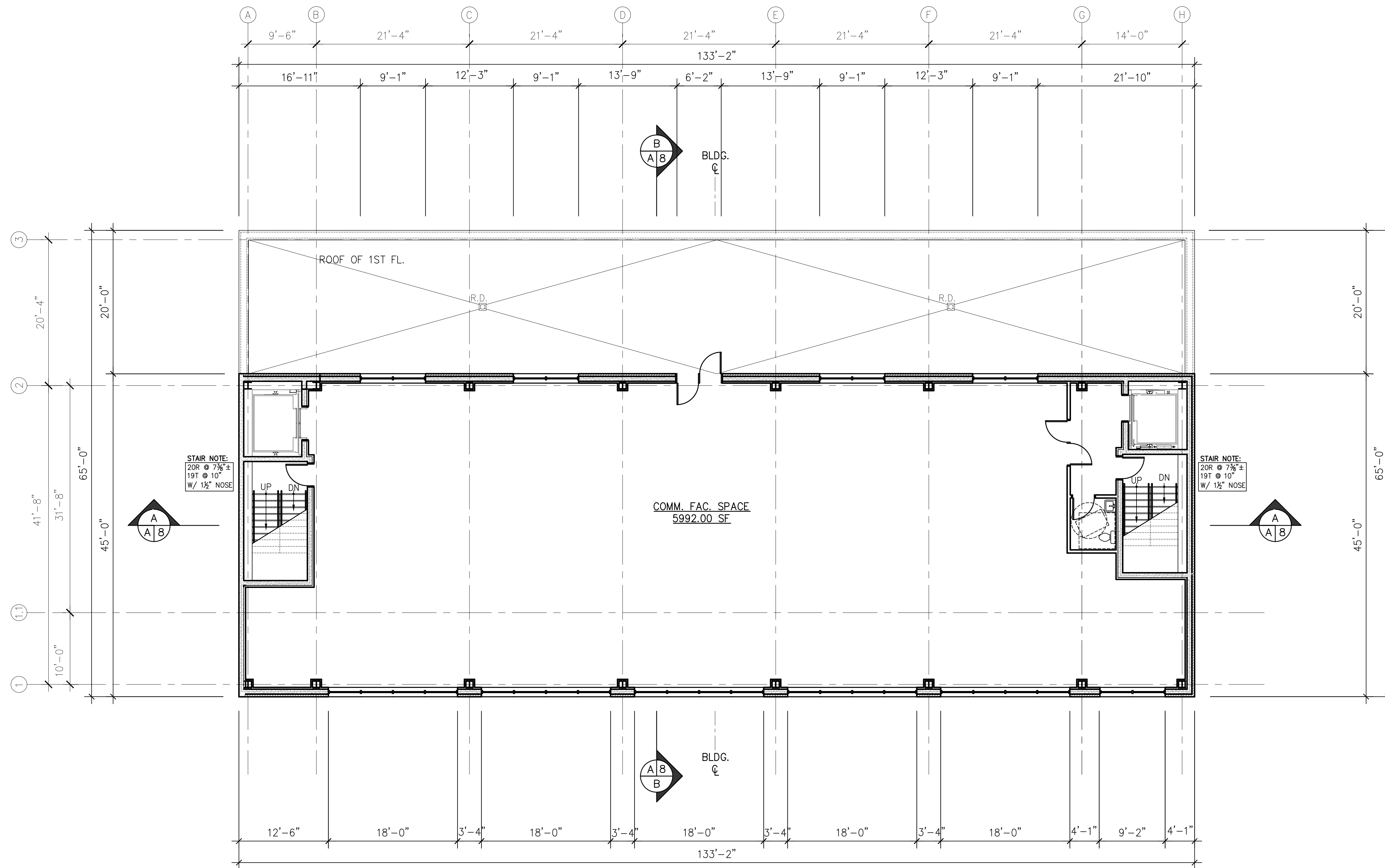
REVISIONS		
NO.	DESCRIPTION	DATE

NO.	TO WHOM:	DATE
	ISSUES	
DRAWN BY:	JM	JOB NO. 1433NJ
CHECKED BY:	VF	DATE: 09.23.14

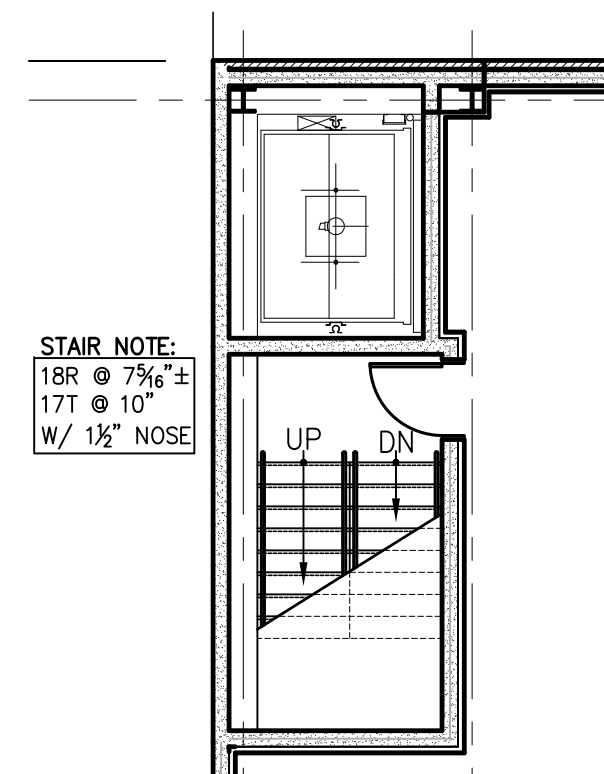
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1ST FLOOR PLAN & DETAILS

PAGE NUMBER
4 OF 12

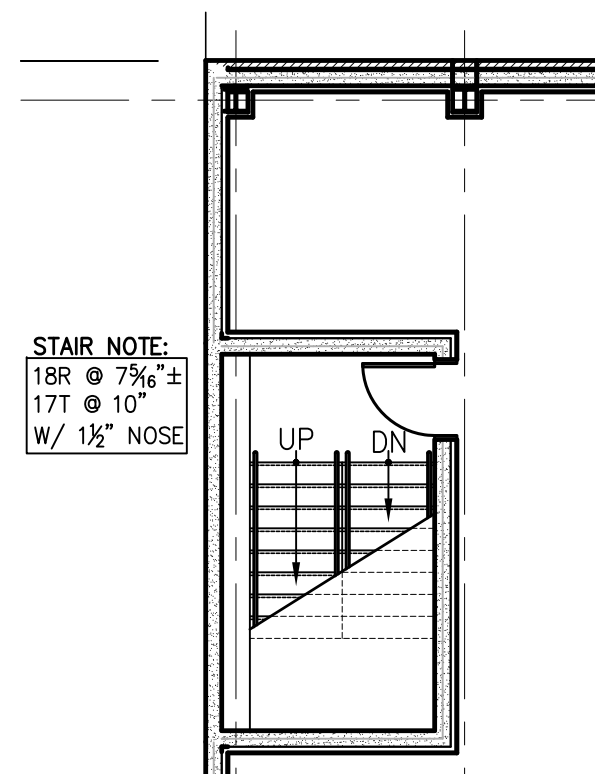
BSCAN STICKER



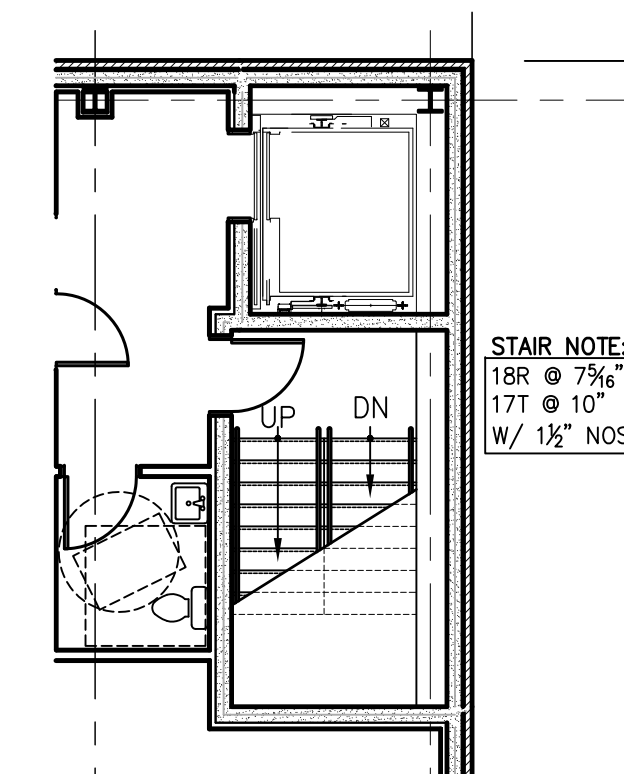
2ND - 4TH FLOOR PLAN
SCALE: 1/8" = 1'-0"



PARTIAL 3RD FLOOR PLAN
SCALE: 1/8" = 1'-0"

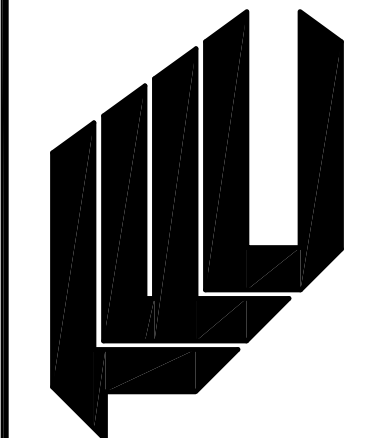


PARTIAL 4TH FLOOR PLAN
SCALE: 1/8" = 1'-0"



PARTIAL 3RD - 4TH FLOOR PLAN
SCALE: 1/8" = 1'-0"

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143 TERRACE STREET
HAWORTH N.J. 07641
201-364-9595
N.J. R.A. LIC # 07976, 16378



PROPOSED NEW:
COMMERCIAL & COMM. FAC. BUILDING
131-32 AVERY AVENUE
QUEENS, NY 11355

REVISIONS		
NO.	DESCRIPTION	DATE

NO.	TO WHOM:	DATE

ISSUES	JOB NO.
	1433NJ

CHECKED BY:	DATE:
VF	09.23.14

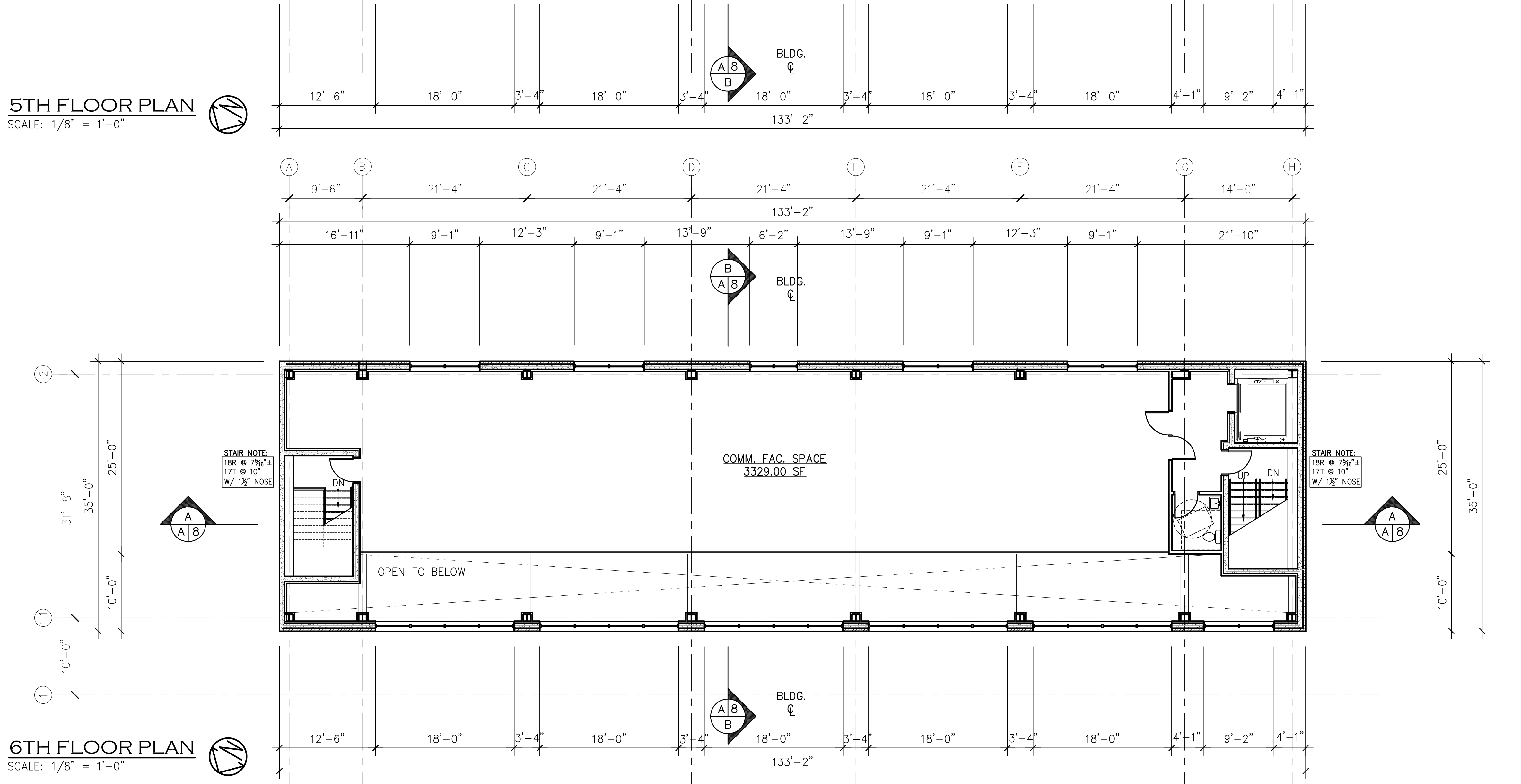
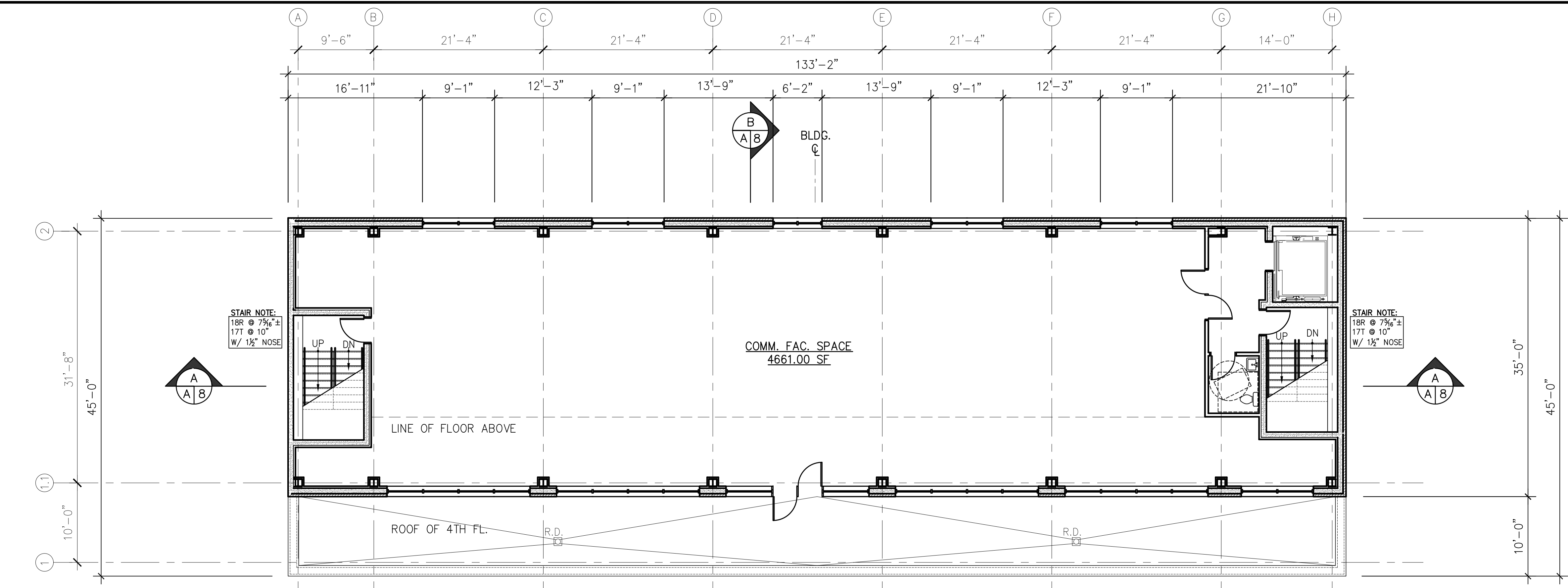
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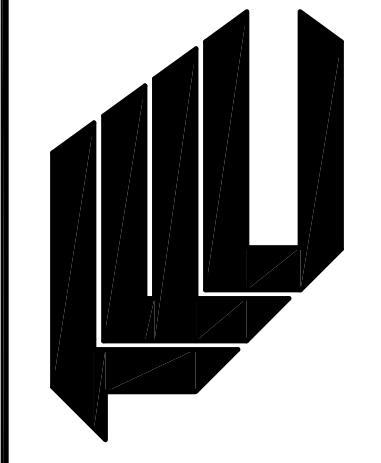
PAGE NUMBER
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145 TERRACE STREET
HAWORTH N.J. 07641
201-384-9595
N.J. R.A. LIC # 07976, 16378



PROPOSED NEW:
COMMERCIAL & COMM. FAC. BUILDING
131-32 AVERY AVENUE
QUEENS, NY 11355

REVISIONS		
NO.	DESCRIPTION	DATE

NO.	TO WHOM:	DATE

ISSUES	JOB NO.

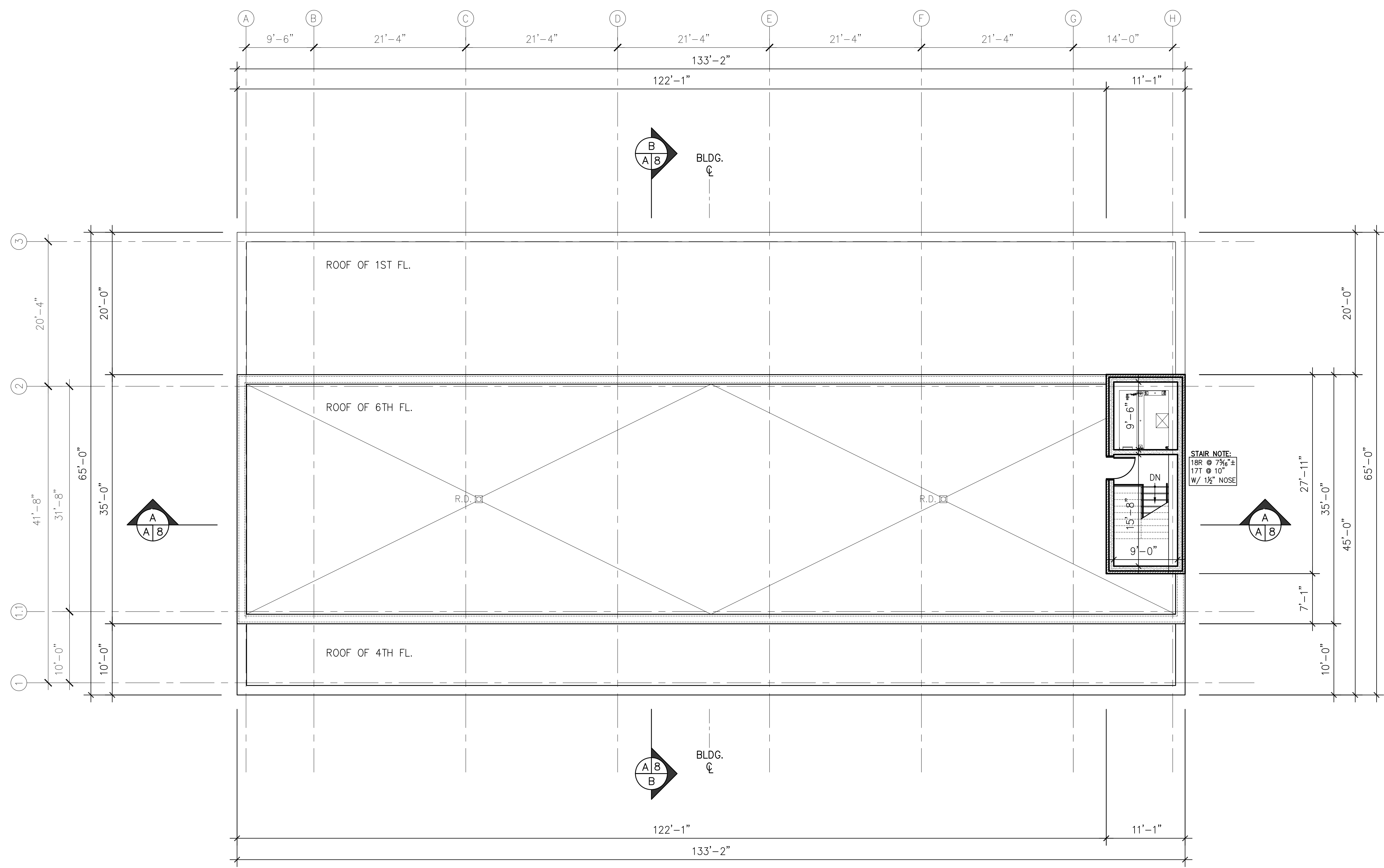
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JM	1433NJ

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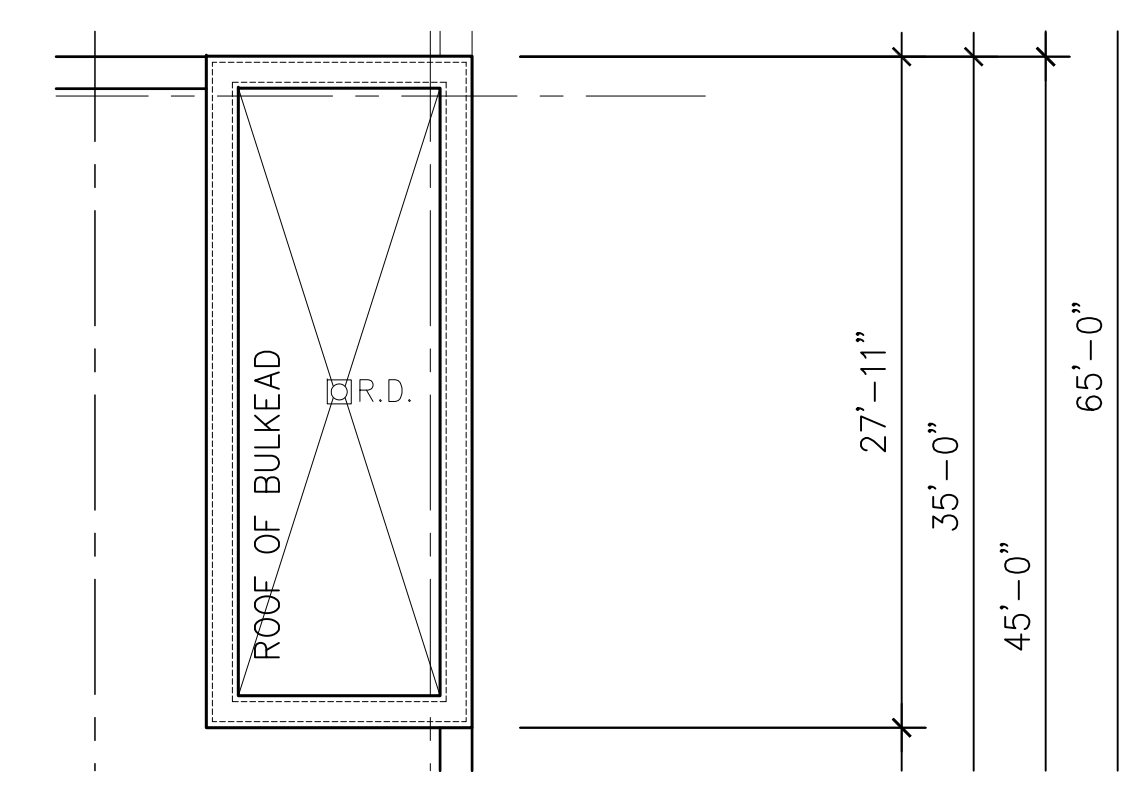
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5TH - 6TH FLOOR PLANS

PAGE NUMBER:
6 OF 12

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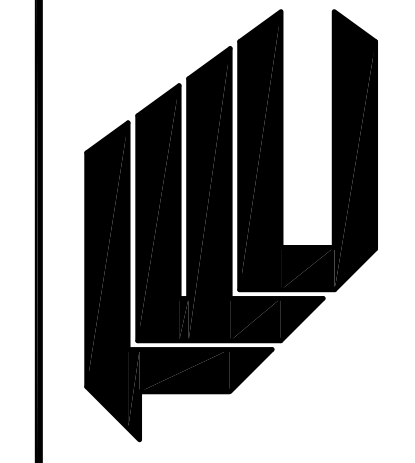


ROOF PLAN
 SCALE: 1/8" = 1'-0"



BULKHEAD ROOF PLAN
 SCALE: 1/8" = 1'-0"

T.F. CUSANELLI & FILLETTI ARCHITECTS, P.C.
 145 TERRACE STREET
 HAWORTH N.J. 07641
 201.384.9595
 N.J. R.A. LIC # 07976, 16378



PROPOSED NEW:
COMMERCIAL & COMM. FAC. BUILDING
 131-32 AVERY AVENUE
 QUEENS, NY 11355

REVISIONS		
NO.	DESCRIPTION	DATE

NO.	TO WHOM:	DATE

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CHECKED BY:	VF	DATE:	09.23.14

DWG. TITLE :
BULKHEAD PLAN & ROOF DETAILS

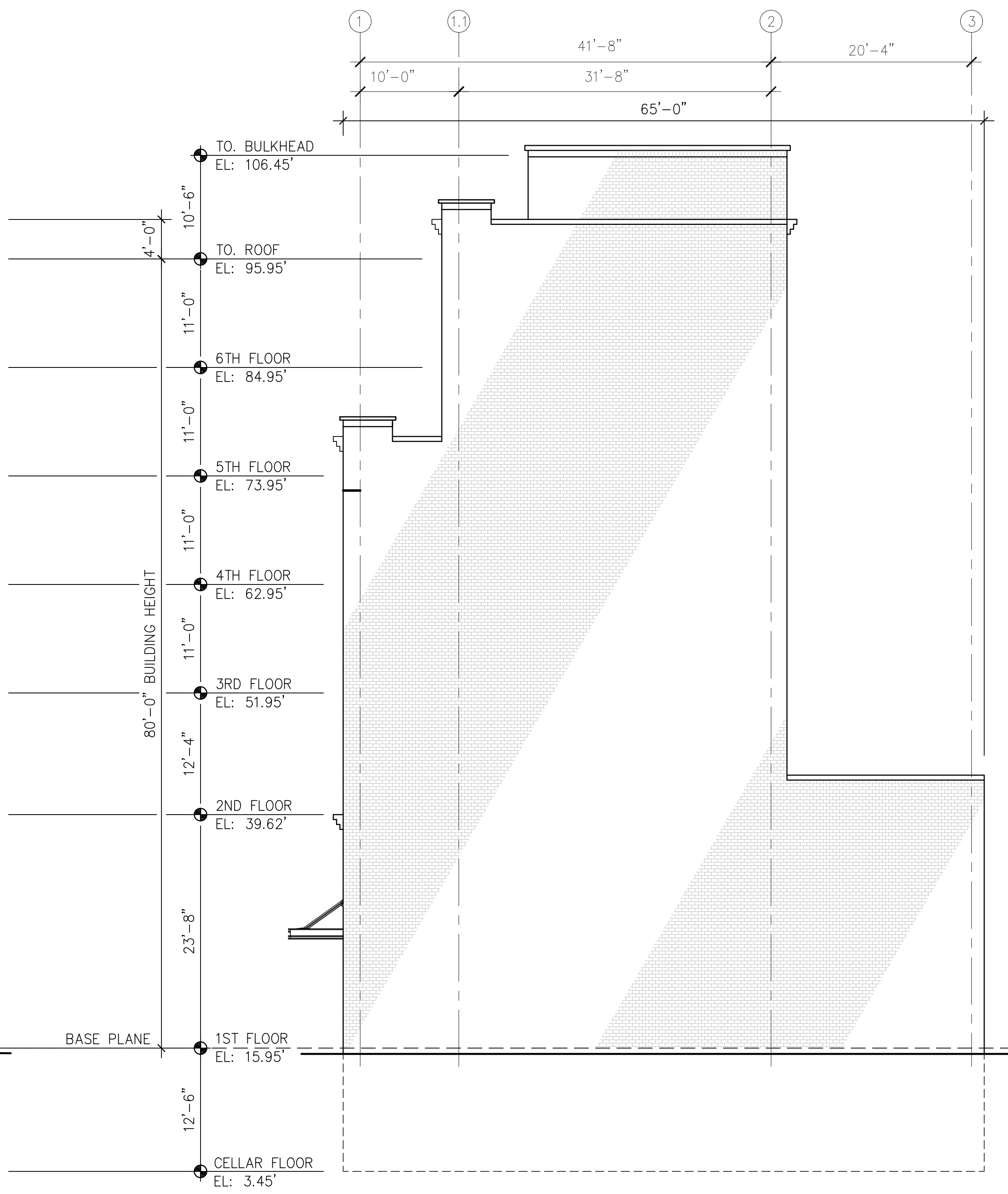
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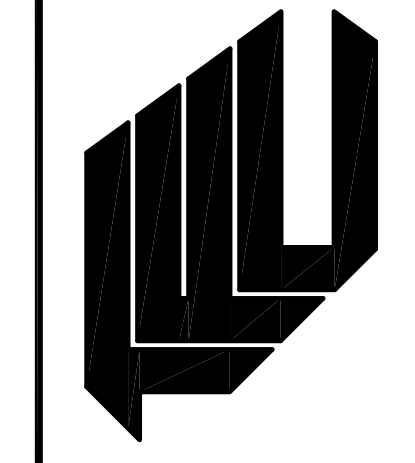


FRONT (AVERY AVE.) ELEVATION
SCALE: 1/8" = 1'-0"



RIGHT (WEST) SIDE ELEVATION
SCALE: 1/8" = 1'-0"

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201.364.9595
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COMMERCIAL & COMM. FAC. BUILDING
131-32 AVERY AVENUE
QUEENS, NY 11355

REVISIONS		
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NO.	TO WHOM:	DATE

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JM	1433NJ
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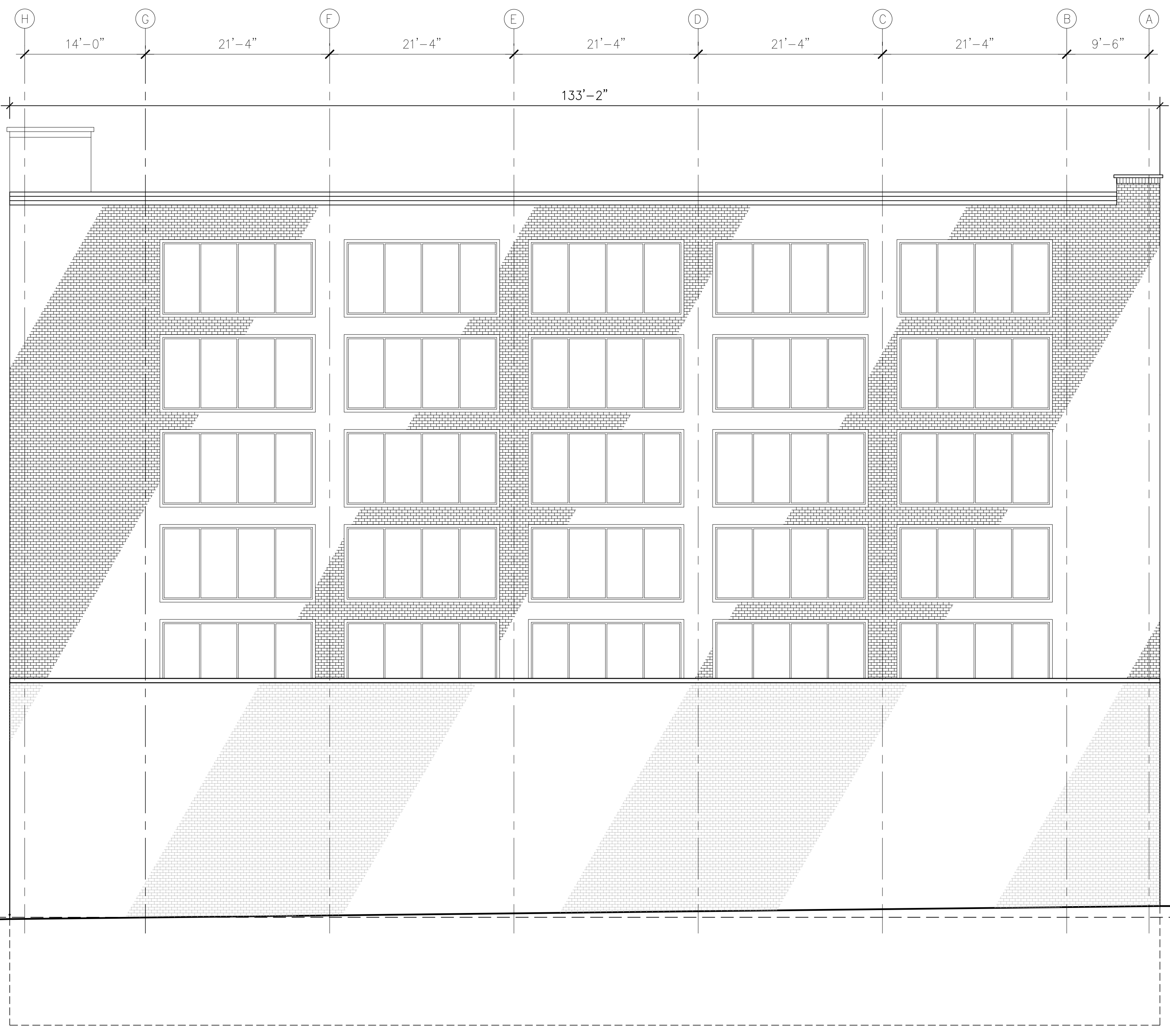
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FRONT & RIGHT BUILDING ELEVATIONS

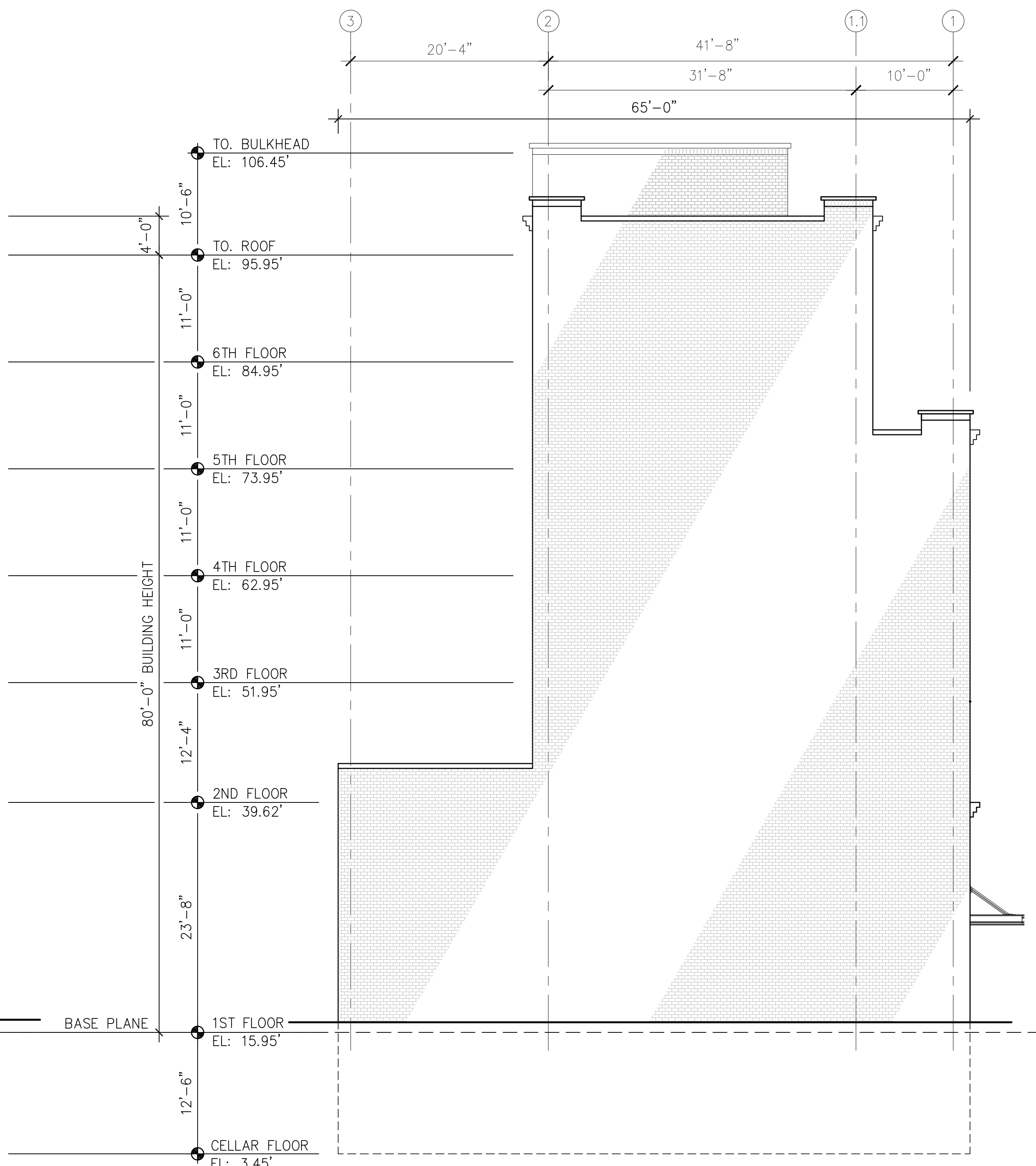
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BSCAN STICKER

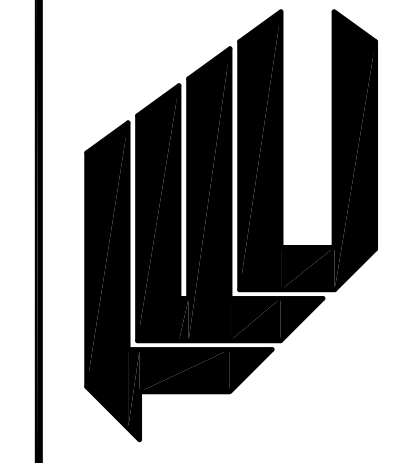


REAR ELEVATION
SCALE: 1/8" = 1'-0"



LEFT (EAST) SIDE ELEVATION
SCALE: 1/8" = 1'-0"

T.F. CUSANELLI & FILLETTI ARCHITECTS, P.C.
145 TERRACE STREET
HAWORTH, N.J. 07641
201.364.9595
N.J. R.A. LIC # 07976.16378



PROPOSED NEW:
COMMERCIAL & COMM. FAC. BUILDING
131-32 AVERY AVENUE
QUEENS, NY 11355

REVISIONS		
NO.	DESCRIPTION	DATE

NO.	TO WHOM:	DATE

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CHECKED BY:	VF	DATE:	09.23.14

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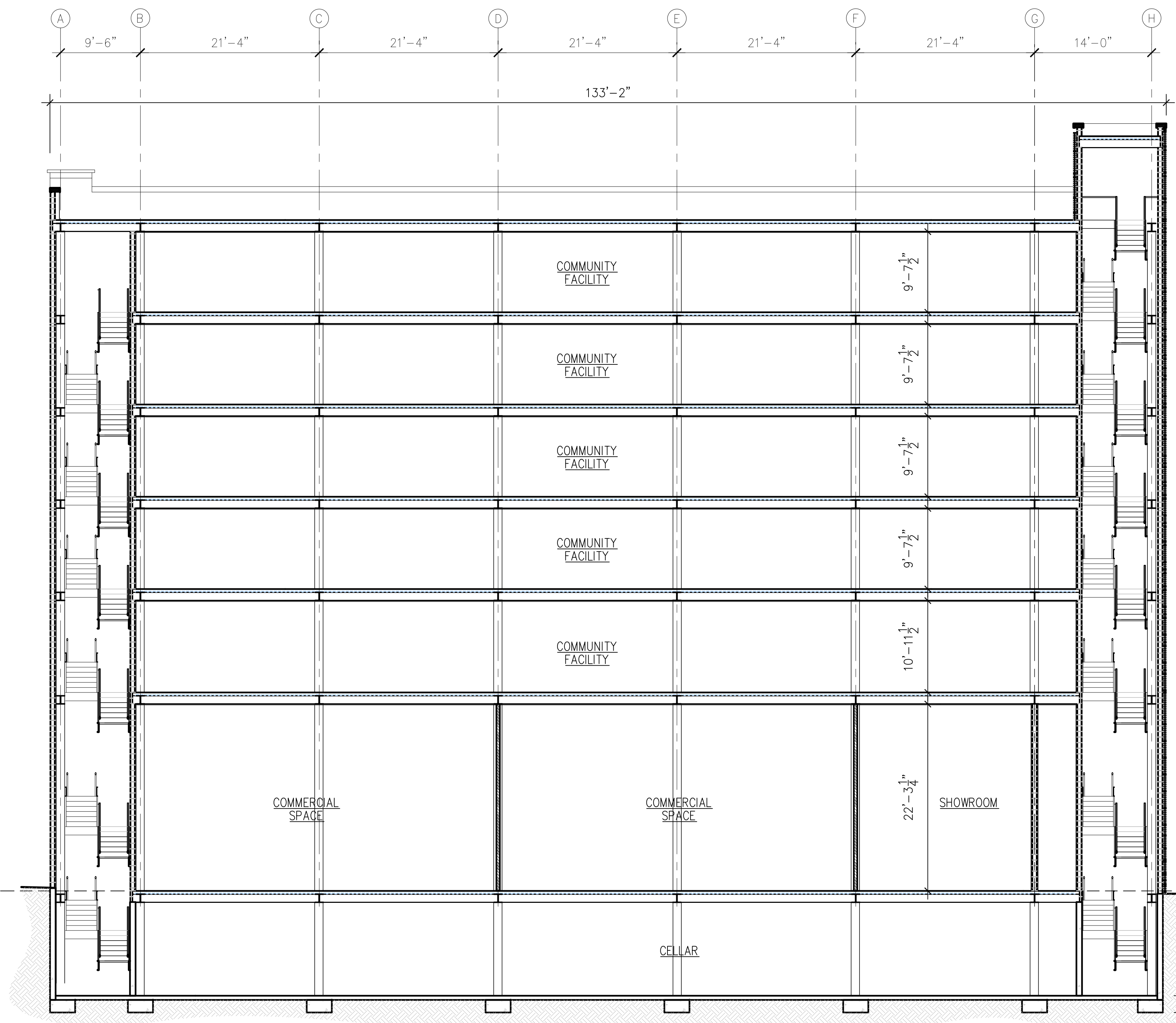
REAR & LEFT BUILDING ELEVATIONS

PAGE NUMBER
9 OF 12

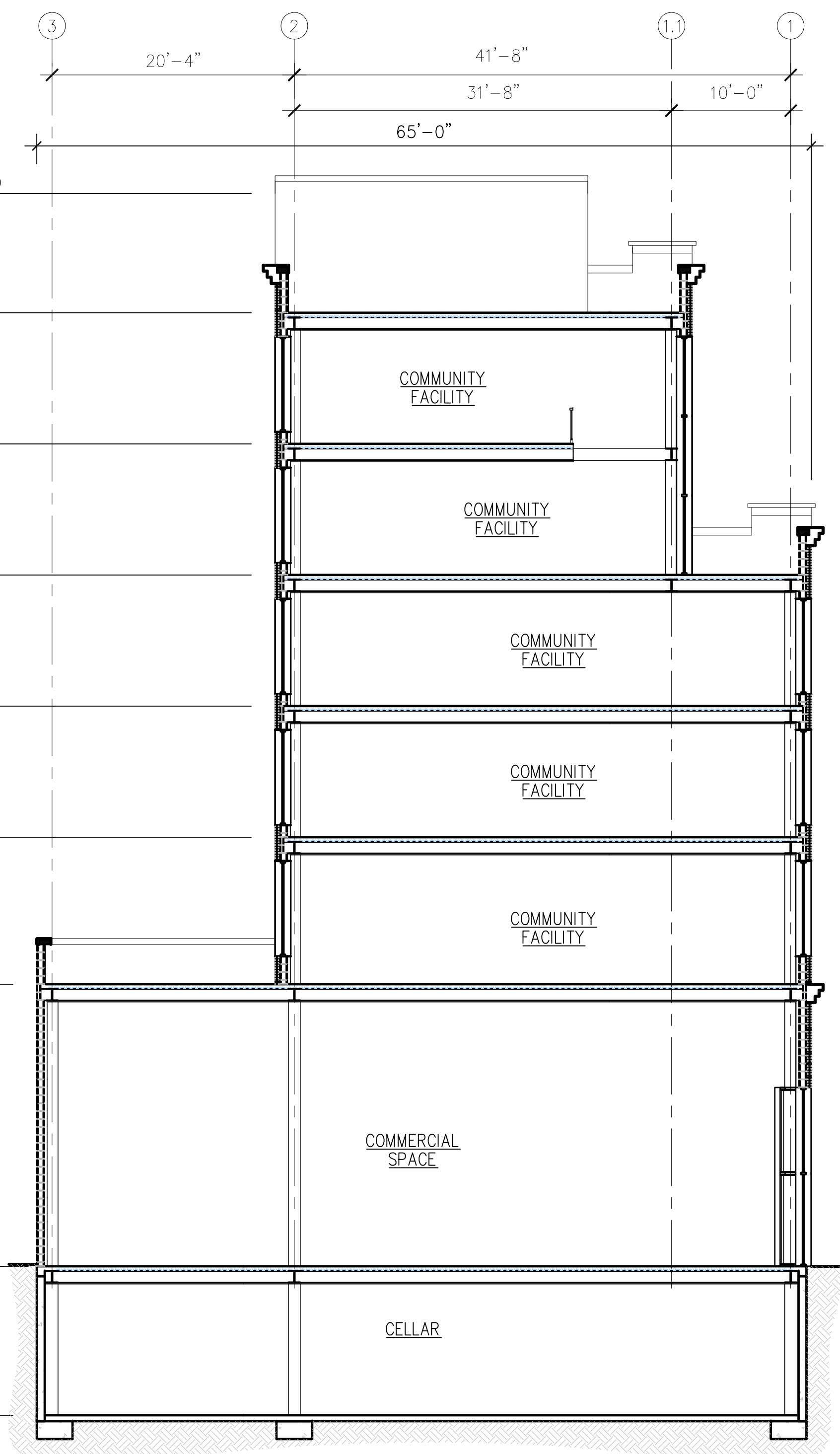
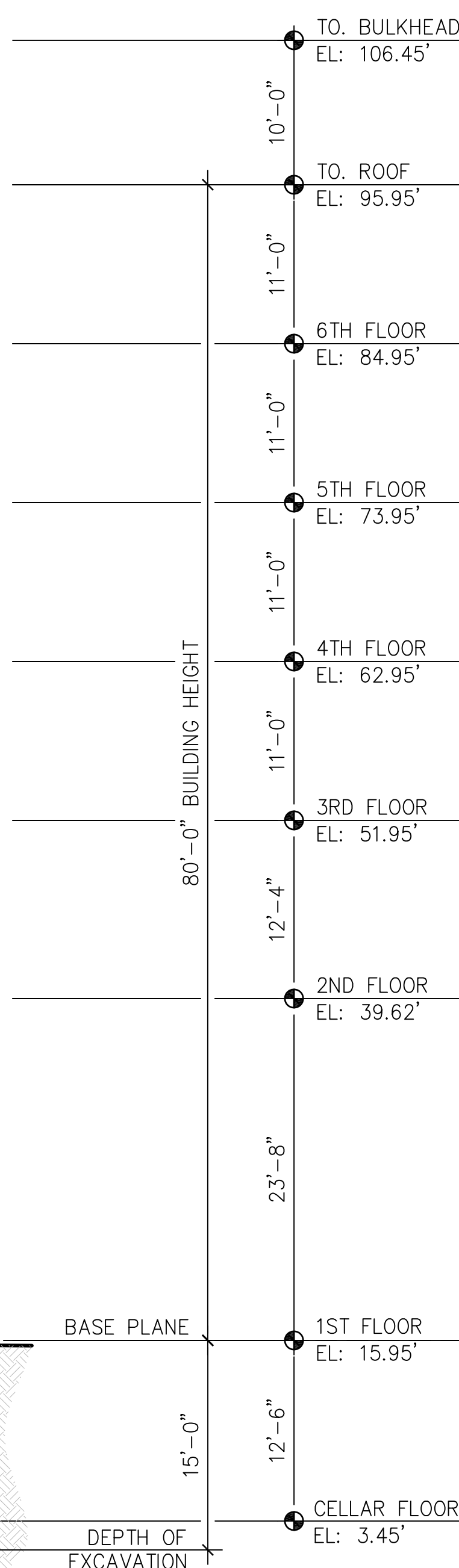
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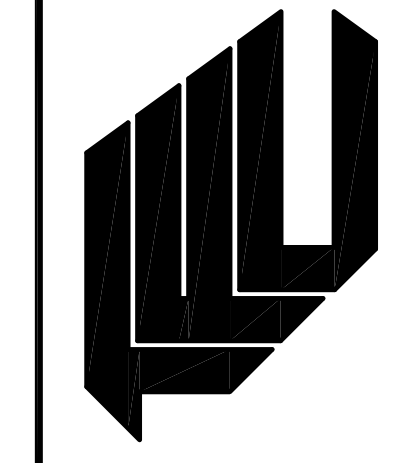


SECTION A-A
SCALE: 1/8" = 1'-0"



SECTION B-B
SCALE: 1/8" = 1'-0"

T.F. CUSANELLI & FILLETTI ARCHITECTS, P.C.
145 TERRACE STREET
HAWORTH, N.J. 07641
201.384.9595
N.J. R.A. LIC # 07976.16378



PROPOSED NEW:
COMMERCIAL & COMM. FAC. BUILDING
131-32 AVERY AVENUE
QUEENS, NY 11355

REVISIONS		
NO.	DESCRIPTION	DATE

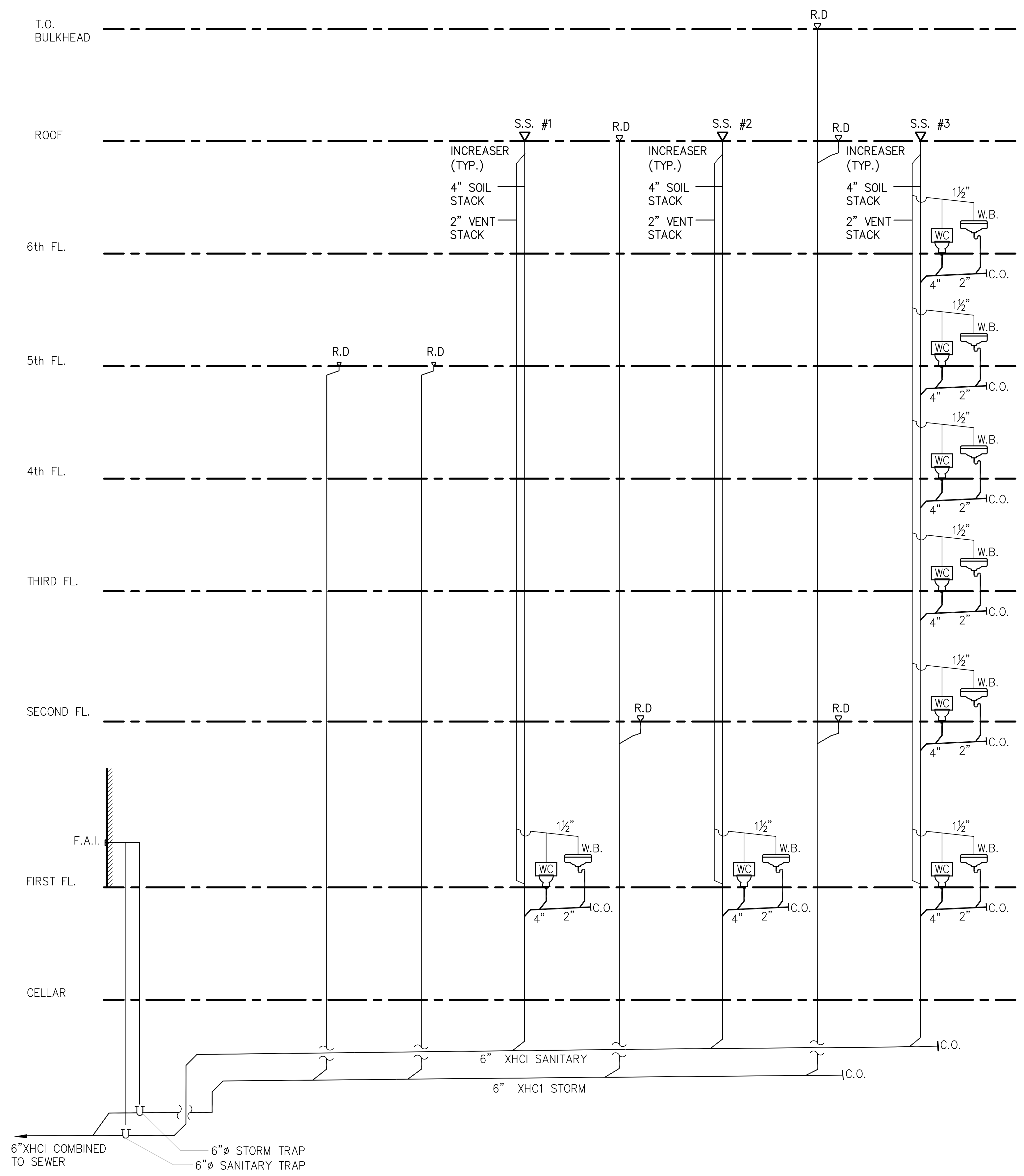
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CHECKED BY:	VF	DATE: 09.23.14

DWG. TITLE :
BUILDING SECTIONS

PAGE NUMBER
10 OF 12

BSCAN STICKER

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PLUMBING RISER DIAGRAM
SCALE: N.T.S.

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149 TERRACE STREET
HAWORTH N.J. 07641
201-384-9585
N.J. R.A. LIC # 07976, 16378

PROPOSED NEW :
COMMERCIAL & COMM. FAC. BUILDING
131-32 AVERY AVENUE
QUEENS, NY 11355

REVISIONS		
NO.	DESCRIPTION	DATE

NO.	TO WHOM	DATE

ISSUES	JOB NO.
	1433NJ

CHECKED BY:	DATE:
VF	09.23.14

DWG. TITLE :

PLUMBING & GAS RISERS

PAGE NUMBER
10 OF 12

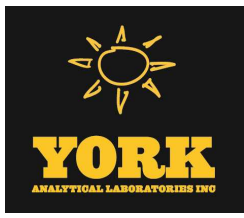
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BSCAN STICKER

A-009.00

APPENDIX F

LABORATORY DELIVERABLES FOR SOIL ANALYTICAL DATA



Technical Report

prepared for:

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

Report Date: 05/29/2014
Client Project ID: 4-132-0587-131-18 Avery Ave., Queens
York Project (SDG) No.: 14E0963

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 22, 2014 and listed below. The project was identified as your project: **4-132-0587-131-18 Avery Ave., Queens.**

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14E0963-01	SB-1 (4'-6')	Soil	05/21/2014	05/22/2014
14E0963-02	SB-2 (13'-15')	Soil	05/21/2014	05/22/2014
14E0963-03	SB-2-Fill (4'-6')	Soil	05/21/2014	05/22/2014

General Notes for York Project (SDG) No.: 14E0963

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 05/29/2014





Sample Information

Client Sample ID: SB-1 (4'-6')

York Sample ID: 14E0963-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14E0963

4-132-0587-131-18 Avery Ave., Queens

Soil

May 21, 2014 3:00 pm

05/22/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	99	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
67-64-1	Acetone	89		ug/kg dry	2.5	9.9	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
107-02-8	Acrolein	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
75-15-0	Carbon disulfide	3.2	J	ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
156-59-2	cis-1,2-Dichloroethylene	7000		ug/kg dry	250	500	100	EPA 8260C	05/28/2014 10:45	05/29/2014 11:58	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS



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Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
75-09-2	Methylene chloride	3.3	J	ug/kg dry	2.5	9.9	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	9.9	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
156-60-5	trans-1,2-Dichloroethylene	190		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
79-01-6	Trichloroethylene	17000		ug/kg dry	250	500	100	EPA 8260C	05/28/2014 10:45	05/29/2014 11:58	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.4	15	1	EPA 8260C	05/28/2014 10:45	05/28/2014 16:42	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.1 %			67-130						
460-00-4	Surrogate: p-Bromofluorobenzene	105 %			75-127						
2037-26-5	Surrogate: Toluene-d8	104 %			90-112						



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Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
98-86-2	Acetophenone	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
120-12-7	Anthracene	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
1912-24-9	Atrazine	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
92-87-5	Benzidine	ND		ug/kg dry	264	526	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
56-55-3	Benzo(a)anthracene	101	J	ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
50-32-8	Benzo(a)pyrene	109	J	ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
205-99-2	Benzo(b)fluoranthene	109	J	ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	133	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
65-85-0	Benzoic acid	ND		ug/kg dry	180	526	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
207-08-9	Benzo(k)fluoranthene	115	J	ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
105-60-2	Caprolactam	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
86-74-8	Carbazole	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
218-01-9	Chrysene	105	J	ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	264	526	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	133	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	133	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	264	526	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR



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Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	133	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
206-44-0	Fluoranthene	166	J	ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
86-73-7	Fluorene	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	133	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
78-59-1	Isophorone	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	133	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	133	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
91-20-3	Naphthalene	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	133	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	133	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	133	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	133	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	133	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
85-01-8	Phenanthrene	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
108-95-2	Phenol	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
129-00-0	Pyrene	159	J	ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	66.3	263	1	EPA 8270D	05/27/2014 18:00	05/28/2014 22:34	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	4.96 %	S-AC	10-105
4165-62-2	Surrogate: Phenol-d5	10.5 %		10-118
4165-60-0	Surrogate: Nitrobenzene-d5	5.26 %	S-BN	10-140
321-60-8	Surrogate: 2-Fluorobiphenyl	12.9 %		10-126



Sample Information

Client Sample ID: SB-1 (4'-6')

York Sample ID: 14E0963-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14E0963

4-132-0587-131-18 Avery Ave., Queens

Soil

May 21, 2014 3:00 pm

05/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5175-83-7	Surrogate: 2,4,6-Tribromophenol	16.0 %			10-150						
1718-51-0	Surrogate: Terphenyl-d14	19.1 %			10-137						

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	87.9	87.9	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:22	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.68	8.68	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:22	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:22	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:22	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:22	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:22	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:22	JW
72-20-8	Endrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:22	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:22	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:22	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:22	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:22	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:22	JW
57-74-9	Chlordane, total	ND		ug/kg dry	6.95	6.95	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:22	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:22	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:22	JW
309-00-2	Aldrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:22	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:22	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:22	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:22	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	17.9	17.9	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 15:05	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	17.9	17.9	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 15:05	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	17.9	17.9	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 15:05	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	17.9	17.9	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 15:05	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	17.9	17.9	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 15:05	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	17.9	17.9	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 15:05	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	17.9	17.9	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 15:05	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.16	17.9	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 15:05	JW
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	82.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	57.7 %			30-140						



Sample Information

Client Sample ID: SB-1 (4'-6')

York Sample ID: 14E0963-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14E0963

4-132-0587-131-18 Avery Ave., Queens

Soil

May 21, 2014 3:00 pm

05/22/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7490		mg/kg dry	1.05	1.05	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7440-36-0	Antimony	ND		mg/kg dry	0.526	0.526	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7440-38-2	Arsenic	3.98		mg/kg dry	1.05	1.05	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7440-39-3	Barium	58.5		mg/kg dry	1.05	1.05	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.105	0.105	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.316	0.316	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7440-70-2	Calcium	1450		mg/kg dry	0.526	5.26	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7440-47-3	Chromium	13.1		mg/kg dry	0.526	0.526	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7440-48-4	Cobalt	5.82		mg/kg dry	0.526	0.526	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7440-50-8	Copper	17.0		mg/kg dry	0.526	0.526	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7439-89-6	Iron	14900		mg/kg dry	2.11	2.11	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7439-92-1	Lead	39.5		mg/kg dry	0.316	0.316	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7439-95-4	Magnesium	1600		mg/kg dry	5.26	5.26	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7439-96-5	Manganese	432		mg/kg dry	0.526	0.526	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7440-02-0	Nickel	18.7		mg/kg dry	0.526	0.526	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7440-09-7	Potassium	420		mg/kg dry	5.26	5.26	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7782-49-2	Selenium	1.34		mg/kg dry	1.05	1.05	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7440-22-4	Silver	ND		mg/kg dry	0.526	0.526	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7440-23-5	Sodium	ND		mg/kg dry	10.5	10.5	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7440-28-0	Thallium	ND		mg/kg dry	1.05	1.05	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7440-62-2	Vanadium	18.5		mg/kg dry	1.05	1.05	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW
7440-66-6	Zinc	38.5		mg/kg dry	1.05	1.05	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:14	MW

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0347	0.0347	1	EPA 7471B	05/29/2014 09:35	05/29/2014 16:42	AA



Sample Information

Client Sample ID: SB-1 (4'-6')

York Sample ID: 14E0963-01

York Project (SDG) No.

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Matrix

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4-132-0587-131-18 Avery Ave., Queens

Soil

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05/22/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.0		%	0.100	0.100	1	SM 2540G	05/29/2014 09:42	05/29/2014 14:30	KK

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.368	0.526	1	EPA 7196A	05/28/2014 08:59	05/28/2014 15:58	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	12.4		mg/kg	0.250	0.500	1	Calculation	05/28/2014 16:01	05/28/2014 16:04	SC

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.526	0.526	1	EPA 9014/9010C	05/29/2014 05:49	05/29/2014 14:12	AD

Sample Information

Client Sample ID: SB-2 (13'-15')

York Sample ID: 14E0963-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14E0963

4-132-0587-131-18 Avery Ave., Queens

Soil

May 21, 2014 3:00 pm

05/22/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS



Sample Information

Client Sample ID: SB-2 (13'-15')

York Sample ID: 14E0963-02

York Project (SDG) No.

Client Project ID

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4-132-0587-131-18 Avery Ave., Queens

Soil

May 21, 2014 3:00 pm

05/22/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
67-64-1	Acetone	6.2	J	ug/kg dry	2.7	11	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
107-02-8	Acrolein	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
75-09-2	Methylene chloride	15		ug/kg dry	2.7	11	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS



Sample Information

Client Sample ID: SB-2 (13'-15')

York Sample ID: 14E0963-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14E0963

4-132-0587-131-18 Avery Ave., Queens

Soil

May 21, 2014 3:00 pm

05/22/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:11	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.6 %			67-130						
460-00-4	Surrogate: p-Bromofluorobenzene	95.7 %			75-127						
2037-26-5	Surrogate: Toluene-d8	101 %			90-112						

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
98-86-2	Acetophenone	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
120-12-7	Anthracene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
1912-24-9	Atrazine	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
92-87-5	Benzidine	ND		ug/kg dry	251	501	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	126	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
65-85-0	Benzoic acid	ND		ug/kg dry	172	502	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR



Sample Information

Client Sample ID: SB-2 (13'-15')

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4-132-0587-131-18 Avery Ave., Queens

Soil

May 21, 2014 3:00 pm

05/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
105-60-2	Caprolactam	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
86-74-8	Carbazole	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
218-01-9	Chrysene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	251	501	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	126	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	126	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	251	502	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	126	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
206-44-0	Fluoranthene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
86-73-7	Fluorene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	126	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
78-59-1	Isophorone	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
91-57-6	2-Methylnaphthalene	414		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	126	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR



Sample Information

Client Sample ID: SB-2 (13'-15')

York Sample ID: 14E0963-02

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4-132-0587-131-18 Avery Ave., Queens

Soil

May 21, 2014 3:00 pm

05/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	126	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
91-20-3	Naphthalene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	126	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	126	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	126	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	126	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	126	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
85-01-8	Phenanthrene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
108-95-2	Phenol	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
129-00-0	Pyrene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	63.2	251	1	EPA 8270D	05/27/2014 18:00	05/28/2014 23:08	SR
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	14.9 %			10-105						
4165-62-2	Surrogate: Phenol-d5	29.2 %			10-118						
4165-60-0	Surrogate: Nitrobenzene-d5	16.6 %			10-140						
321-60-8	Surrogate: 2-Fluorobiphenyl	42.7 %			10-126						
5175-83-7	Surrogate: 2,4,6-Tribromophenol	46.3 %			10-150						
1718-51-0	Surrogate: Terphenyl-d14	61.3 %			10-137						



Sample Information

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4-132-0587-131-18 Avery Ave., Queens

Soil

May 21, 2014 3:00 pm

05/22/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	83.8	83.8	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:53	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.28	8.28	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:53	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.66	1.66	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:53	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.66	1.66	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:53	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.66	1.66	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:53	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.66	1.66	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:53	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.66	1.66	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:53	JW
72-20-8	Endrin	ND		ug/kg dry	1.66	1.66	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:53	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.66	1.66	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:53	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.66	1.66	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:53	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.66	1.66	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:53	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.66	1.66	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:53	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.66	1.66	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:53	JW
57-74-9	Chlordane, total	ND		ug/kg dry	6.62	6.62	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:53	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.66	1.66	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:53	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.66	1.66	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:53	JW
309-00-2	Aldrin	ND		ug/kg dry	1.66	1.66	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:53	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.66	1.66	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:53	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.66	1.66	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:53	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.66	1.66	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:53	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	17.1	17.1	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:03	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	17.1	17.1	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:03	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	17.1	17.1	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:03	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	17.1	17.1	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:03	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	17.1	17.1	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:03	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	17.1	17.1	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:03	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	17.1	17.1	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:03	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	6.83	17.1	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:03	JW
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	103 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	62.9 %			30-140						



Sample Information

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Date Received

14E0963

4-132-0587-131-18 Avery Ave., Queens

Soil

May 21, 2014 3:00 pm

05/22/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3390		mg/kg dry	1.00	1.00	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7440-36-0	Antimony	ND		mg/kg dry	0.502	0.502	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7440-38-2	Arsenic	ND		mg/kg dry	1.00	1.00	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7440-39-3	Barium	17.5		mg/kg dry	1.00	1.00	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.100	0.100	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.301	0.301	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7440-70-2	Calcium	206		mg/kg dry	0.502	5.02	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7440-47-3	Chromium	9.20		mg/kg dry	0.502	0.502	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7440-48-4	Cobalt	4.54		mg/kg dry	0.502	0.502	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7440-50-8	Copper	5.97		mg/kg dry	0.502	0.502	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7439-89-6	Iron	7840		mg/kg dry	2.01	2.01	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7439-92-1	Lead	1.98		mg/kg dry	0.301	0.301	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7439-95-4	Magnesium	1030		mg/kg dry	5.02	5.02	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7439-96-5	Manganese	107		mg/kg dry	0.502	0.502	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7440-02-0	Nickel	11.7		mg/kg dry	0.502	0.502	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7440-09-7	Potassium	661		mg/kg dry	5.02	5.02	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7782-49-2	Selenium	ND		mg/kg dry	1.00	1.00	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7440-22-4	Silver	ND		mg/kg dry	0.502	0.502	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7440-23-5	Sodium	ND		mg/kg dry	10.0	10.0	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7440-28-0	Thallium	ND		mg/kg dry	1.00	1.00	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7440-62-2	Vanadium	11.9		mg/kg dry	1.00	1.00	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW
7440-66-6	Zinc	13.3		mg/kg dry	1.00	1.00	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:19	MW

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0331	0.0331	1	EPA 7471B	05/29/2014 09:35	05/29/2014 16:42	AA



Sample Information

Client Sample ID: SB-2 (13'-15')

York Sample ID: 14E0963-02

York Project (SDG) No.

Client Project ID

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Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	99.6		%	0.100	0.100	1	SM 2540G	05/29/2014 09:42	05/29/2014 14:30	KK

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.351	0.502	1	EPA 7196A	05/28/2014 08:59	05/28/2014 15:58	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	9.16		mg/kg	0.250	0.500	1	Calculation	05/28/2014 16:01	05/28/2014 16:04	SC

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.502	0.502	1	EPA 9014/9010C	05/29/2014 05:49	05/29/2014 14:12	AD

Sample Information

Client Sample ID: SB-2-Fill (4'-6')

York Sample ID: 14E0963-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14E0963

4-132-0587-131-18 Avery Ave., Queens

Soil

May 21, 2014 3:00 pm

05/22/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS



Sample Information

Client Sample ID: SB-2-Fill (4'-6')

York Sample ID: 14E0963-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14E0963

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Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	91	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
78-93-3	2-Butanone	18		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
67-64-1	Acetone	68		ug/kg dry	2.3	9.1	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
107-02-8	Acrolein	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
156-59-2	cis-1,2-Dichloroethylene	5.1		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.3	9.1	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS



Sample Information

Client Sample ID: SB-2-Fill (4'-6')

York Sample ID: 14E0963-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14E0963

4-132-0587-131-18 Avery Ave., Queens

Soil

May 21, 2014 3:00 pm

05/22/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.1	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
75-01-4	Vinyl Chloride	3.7	J	ug/kg dry	2.3	4.5	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C	05/28/2014 10:45	05/28/2014 17:40	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.6 %			67-130						
460-00-4	Surrogate: p-Bromofluorobenzene	113 %			75-127						
2037-26-5	Surrogate: Toluene-d8	111 %			90-112						

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
98-86-2	Acetophenone	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
120-12-7	Anthracene	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
1912-24-9	Atrazine	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
92-87-5	Benzidine	ND		ug/kg dry	520	1040	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
56-55-3	Benzo(a)anthracene	375	J	ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
50-32-8	Benzo(a)pyrene	349	J	ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
205-99-2	Benzo(b)fluoranthene	408	J	ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	262	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
65-85-0	Benzoic acid	ND		ug/kg dry	355	1040	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
207-08-9	Benzo(k)fluoranthene	421	J	ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR



Sample Information

Client Sample ID: SB-2-Fill (4'-6')

York Sample ID: 14E0963-03

York Project (SDG) No.

Client Project ID

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4-132-0587-131-18 Avery Ave., Queens

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Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
105-60-2	Caprolactam	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
86-74-8	Carbazole	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
218-01-9	Chrysene	384	J	ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	520	1040	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	262	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	262	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	520	1040	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	262	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
206-44-0	Fluoranthene	697		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
86-73-7	Fluorene	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	262	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
78-59-1	Isophorone	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	262	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR



Sample Information

Client Sample ID: SB-2-Fill (4'-6')

York Sample ID: 14E0963-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14E0963

4-132-0587-131-18 Avery Ave., Queens

Soil

May 21, 2014 3:00 pm

05/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	262	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
91-20-3	Naphthalene	142	J	ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	262	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	262	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	262	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	262	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	262	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
85-01-8	Phenanthrene	432	J	ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
108-95-2	Phenol	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
129-00-0	Pyrene	716		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	131	519	2	EPA 8270D	05/27/2014 18:00	05/28/2014 23:43	SR
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	17.0 %			10-105						
4165-62-2	Surrogate: Phenol-d5	39.2 %			10-118						
4165-60-0	Surrogate: Nitrobenzene-d5	14.5 %			10-140						
321-60-8	Surrogate: 2-Fluorobiphenyl	42.3 %			10-126						
5175-83-7	Surrogate: 2,4,6-Tribromophenol	61.4 %			10-150						
1718-51-0	Surrogate: Terphenyl-d14	63.9 %			10-137						



Sample Information

Client Sample ID: SB-2-Fill (4'-6')

York Sample ID: 14E0963-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14E0963

4-132-0587-131-18 Avery Ave., Queens

Soil

May 21, 2014 3:00 pm

05/22/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	86.7	86.7	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 17:09	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.56	8.56	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 17:09	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.71	1.71	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 17:09	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.71	1.71	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 17:09	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.71	1.71	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 17:09	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.71	1.71	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 17:09	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.71	1.71	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 17:09	JW
72-20-8	Endrin	ND		ug/kg dry	1.71	1.71	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 17:09	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.71	1.71	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 17:09	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.71	1.71	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 17:09	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.71	1.71	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 17:09	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.71	1.71	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 17:09	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.71	1.71	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 17:09	JW
57-74-9	Chlordane, total	ND		ug/kg dry	6.85	6.85	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 17:09	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.71	1.71	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 17:09	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.71	1.71	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 17:09	JW
309-00-2	Aldrin	ND		ug/kg dry	1.71	1.71	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 17:09	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.71	1.71	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 17:09	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.71	1.71	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 17:09	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.71	1.71	5	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 17:09	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	17.6	17.6	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:33	JW
11097-69-1	Aroclor 1254	28.8		ug/kg dry	17.6	17.6	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:33	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	17.6	17.6	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:33	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	17.6	17.6	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:33	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	17.6	17.6	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:33	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	17.6	17.6	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:33	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	17.6	17.6	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:33	JW
1336-36-3	* Total PCBs	28.8		ug/kg dry	7.06	17.6	1	EPA 8081B/8082A	05/27/2014 19:00	05/28/2014 16:33	JW
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	75.1 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	55.7 %			30-140						



Sample Information

Client Sample ID: SB-2-Fill (4'-6')

York Sample ID: 14E0963-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14E0963

4-132-0587-131-18 Avery Ave., Queens

Soil

May 21, 2014 3:00 pm

05/22/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4780		mg/kg dry	1.04	1.04	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7440-36-0	Antimony	0.801		mg/kg dry	0.519	0.519	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7440-38-2	Arsenic	4.87		mg/kg dry	1.04	1.04	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7440-39-3	Barium	218		mg/kg dry	1.04	1.04	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.104	0.104	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.311	0.311	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7440-70-2	Calcium	13100		mg/kg dry	0.519	5.19	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7440-47-3	Chromium	17.6		mg/kg dry	0.519	0.519	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7440-48-4	Cobalt	5.35		mg/kg dry	0.519	0.519	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7440-50-8	Copper	106		mg/kg dry	0.519	0.519	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7439-89-6	Iron	16400		mg/kg dry	2.08	2.08	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7439-92-1	Lead	282		mg/kg dry	0.311	0.311	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7439-95-4	Magnesium	1720		mg/kg dry	5.19	5.19	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7439-96-5	Manganese	369		mg/kg dry	0.519	0.519	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7440-02-0	Nickel	19.4		mg/kg dry	0.519	0.519	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7440-09-7	Potassium	899		mg/kg dry	5.19	5.19	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7782-49-2	Selenium	1.26		mg/kg dry	1.04	1.04	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7440-22-4	Silver	ND		mg/kg dry	0.519	0.519	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7440-23-5	Sodium	116		mg/kg dry	10.4	10.4	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7440-28-0	Thallium	ND		mg/kg dry	1.04	1.04	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7440-62-2	Vanadium	18.5		mg/kg dry	1.04	1.04	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW
7440-66-6	Zinc	270		mg/kg dry	1.04	1.04	1	EPA 6010C	05/27/2014 15:14	05/27/2014 21:37	MW

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0531		mg/kg dry	0.0343	0.0343	1	EPA 7471B	05/29/2014 09:35	05/29/2014 16:42	AA



Sample Information

Client Sample ID: SB-2-Fill (4'-6')

York Sample ID: 14E0963-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14E0963

4-132-0587-131-18 Avery Ave., Queens

Soil

May 21, 2014 3:00 pm

05/22/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.3		%	0.100	0.100	1	SM 2540G	05/29/2014 09:42	05/29/2014 14:30	KK

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.363	0.519	1	EPA 7196A	05/28/2014 08:59	05/28/2014 15:58	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	16.9		mg/kg	0.250	0.500	1	Calculation	05/28/2014 16:01	05/28/2014 16:04	SC

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.519	0.519	1	EPA 9014/9010C	05/29/2014 05:49	05/29/2014 14:12	AD



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14E0963-01	SB-1 (4'-6')	40mL Vial with Stir Bar-Cool 4° C
14E0963-02	SB-2 (13'-15')	40mL Vial with Stir Bar-Cool 4° C
14E0963-03	SB-2-Fill (4'-6')	40mL Vial with Stir Bar-Cool 4° C



Notes and Definitions

S-BN	Base/Neutral surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two base/neutral surrogates.
S-AC	Acid surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two acid surrogates.
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-CCVO	CCV Out. Samples bracketed by acceptable CCVs.
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.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.



Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRAITFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

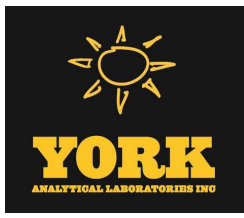
Field Chain-of-Custody Record

Page of

York Project No. 14E09103

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.

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type			
Company: Athenica Env. Serv.	<input checked="" type="checkbox"/> SAME	Company: Athenica Env. Serv.	<input checked="" type="checkbox"/> SAME	Company: Athenica Env. Serv.	<input checked="" type="checkbox"/> SAME	14-132-0587 - 131-18	RUSH-Same Day	Summary Report					
Address: 45-09 Greenpoint Ave.	Name:	Address:	Name:	Address:	Name:	Avery Avenue, Queens	RUSH-Next Day	QA Report					
Queens, NY	Company:	Company:	Company:	Company:	Company:	Purchase Order #	RUSH-Two Day	CT RCP					
Phone.: 718-784-7490	Address*:	Address*:	Address*:	Address*:	Address*:		RUSH-Three Day	CT RCP DQA/DUE Pkg					
Contact: Ezgi Karayel							RUSH-Four Day	NY ASP A Package					
E-mail: ekarayel@athenica.com							Standard (5-7day)	NY ASP B Package					
<p>Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.</p> <p>Samples Collected/Authorized By (Signature) <i>Ezgi Karayel</i></p> <p>Name (printed) Ezgi Karayel</p>		<p>Matrix Codes</p> <p>S - soil Other - specify (oil, etc) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor</p>		<p>Volatiles</p> <p>8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App.IX list 8021B list</p>		<p>Semi-Vols. PostPCB/Hehd</p> <p>8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NIDEF list App. IX Chlordane TCLP BNA SPL or TCLP</p>		<p>Metals</p> <p>RCRA8 PPL13 list TAL CTI.5 list TAGM list NIDEF list Total Dissolved SPL or TCLP Indic. Metal LIST Below</p>		<p>Misc. Org.</p> <p>TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium</p>		<p>Full Lists</p> <p>Phi. Poll. TCL Organics TAL M&CN Full TCLP Full App IX Part 360-Exempt Part 360-Exempt NYCDEP Sewer NYSDEC Sewer TAGM</p>	
		<p>4°C Frozen HCl MeOH HNO₃ NaOH</p> <p>ZnAc Ascorbic Acid Other</p>											
<p>Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/></p>		<p>Preservation (check all applicable)</p>		<p>4°C Frozen HCl MeOH HNO₃ NaOH</p> <p>ZnAc Ascorbic Acid Other</p>		<p>Analysis Requested (List above includes common analysis)</p>		<p>Container Description</p>		<p>Temperature on Receipt</p>			
Sample Identification	Date+Time Sampled	Matrix	8260, 8270, 8081/8082, Chromiums, TAL Metals, total cyanide		4 vials and one 8oz jar		3.7 °C						
SB-1 (4'-6')	5/21/2014	S	8260, 8270, 8081/8082, Chromiums, TAL Metals, total cyanide		4 vials and one 8oz jar								
SB-2 (13'-15')	5/21/2014	S	8260, 8270, 8081/8082, Chromiums, TAL Metals, total cyanide		4 vials and one 8oz jar								
SB-2 - Fill (4'-6') (hold)	5/21/2014	S											
<p>Comments:</p> <p>"E" designation Site Please hold fill sample.</p> <p>Samples Relinquished By <i>Ezgi Karayel</i> Date/Time 5/22/14 9:35 AM K Barber 5/22/14 9:35 AM Samples Received By Date/Time Place 5-22-14 1730 Samples Relinquished By Date/Time Samples Received in LAB by Date/Time</p>													



Technical Report

prepared for:

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

Report Date: 11/04/2014
Client Project ID: 14-133-1270 131-32 Avery Ave Queens NY
York Project (SDG) No.: 14J1078

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 11/04/2014
Client Project ID: 14-133-1270 131-32 Avery Ave Queens NY
York Project (SDG) No.: 14J1078

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 28, 2014 and listed below. The project was identified as your project: **14-133-1270 131-32 Avery Ave Queens NY**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14J1078-01	SB-1 (0'-2')	Soil	10/27/2014	10/28/2014
14J1078-02	SB-1 (15'-17')	Soil	10/27/2014	10/28/2014
14J1078-03	SB-2 (0'-2')	Soil	10/27/2014	10/28/2014
14J1078-04	SB-2 (15'-17')	Soil	10/27/2014	10/28/2014

General Notes for York Project (SDG) No.: 14J1078

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/04/2014





Sample Information

Client Sample ID: SB-1 (0'-2')

York Sample ID: 14J1078-01

<u>York Project (SDG) No.</u> 14J1078	<u>Client Project ID</u> 14-133-1270 131-32 Avery Ave Queens NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2014 3:00 pm	<u>Date Received</u> 10/28/2014
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Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	97	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
67-64-1	Acetone	150		ug/kg dry	4.9	9.7	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
107-02-8	Acrolein	ND		ug/kg dry	4.9	9.7	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
156-59-2	cis-1,2-Dichloroethylene	12		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS



Sample Information

Client Sample ID: SB-1 (0'-2')

York Sample ID: 14J1078-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1078

14-133-1270 131-32 Avery Ave Queens NY

Soil

October 27, 2014 3:00 pm

10/28/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.9	9.7	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.7	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
127-18-4	Tetrachloroethylene	16		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
108-88-3	Toluene	2.6	J	ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
79-01-6	Trichloroethylene	81		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C	11/03/2014 07:59	11/03/2014 19:34	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	134 %	S-08		77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	114 %			76-130						
2037-26-5	Surrogate: Toluene-d8	103 %			85-120						



Sample Information

Client Sample ID: SB-1 (0'-2')

York Sample ID: 14J1078-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1078

14-133-1270 131-32 Avery Ave Queens NY

Soil

October 27, 2014 3:00 pm

10/28/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
98-86-2	Acetophenone	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
62-53-3	Aniline	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
120-12-7	Anthracene	96.2	J	ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
1912-24-9	Atrazine	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
92-87-5	Benzidine	ND		ug/kg dry	347	691	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
56-55-3	Benzo(a)anthracene	269	J	ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
50-32-8	Benzo(a)pyrene	120	J	ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
205-99-2	Benzo(b)fluoranthene	165	J	ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	174	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
65-85-0	Benzoic acid	ND		ug/kg dry	237	692	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
207-08-9	Benzo(k)fluoranthene	191	J	ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	174	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
85-68-7	Benzyl butyl phthalate	215	J	ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
105-60-2	Caprolactam	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
86-74-8	Carbazole	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	174	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	174	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
218-01-9	Chrysene	388		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
84-74-2	Di-n-butyl phthalate	133	J	ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	347	691	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	174	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR



Sample Information

Client Sample ID: SB-1 (0'-2')

York Sample ID: 14J1078-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1078

14-133-1270 131-32 Avery Ave Queens NY

Soil

October 27, 2014 3:00 pm

10/28/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	174	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	347	692	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	174	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
206-44-0	Fluoranthene	570		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
86-73-7	Fluorene	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	174	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
78-59-1	Isophorone	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	174	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	174	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
91-20-3	Naphthalene	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	174	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	174	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	174	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	174	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	174	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
85-01-8	Phenanthrene	356		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
108-95-2	Phenol	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
129-00-0	Pyrene	558		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	174	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR



Sample Information

Client Sample ID: SB-1 (0'-2')

York Sample ID: 14J1078-01

<u>York Project (SDG) No.</u> 14J1078	<u>Client Project ID</u> 14-133-1270 131-32 Avery Ave Queens NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2014 3:00 pm	<u>Date Received</u> 10/28/2014
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Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	87.2	346	2	EPA 8270D	10/30/2014 10:46	10/31/2014 22:45	SR
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	84.7 %			10-99						
4165-62-2	Surrogate: Phenol-d5	88.9 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	71.6 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	98.6 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	70.4 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	85.0 %			10-123						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
309-00-2	Aldrin	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
57-74-9	Chlordane, total	ND		ug/kg dry	68.5	68.5	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
72-20-8	Endrin	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.56	8.56	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
8001-35-2	Toxaphene	ND		ug/kg dry	86.7	86.7	5	EPA 8081B	10/29/2014 13:33	10/31/2014 08:58	JW
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	71.8 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	71.4 %			30-140						



Sample Information

Client Sample ID: SB-1 (0'-2') **York Sample ID:** 14J1078-01
York Project (SDG) No. 14J1078 **Client Project ID** 14-133-1270 131-32 Avery Ave Queens NY **Matrix** Soil **Collection Date/Time** October 27, 2014 3:00 pm **Date Received** 10/28/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.865	0.865	50	EPA 8082A	10/29/2014 13:33	10/30/2014 17:12	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.865	0.865	50	EPA 8082A	10/29/2014 13:33	10/30/2014 17:12	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.865	0.865	50	EPA 8082A	10/29/2014 13:33	10/30/2014 17:12	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.865	0.865	50	EPA 8082A	10/29/2014 13:33	10/30/2014 17:12	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.865	0.865	50	EPA 8082A	10/29/2014 13:33	10/30/2014 17:12	AMC
11097-69-1	Aroclor 1254	34.4		mg/kg dry	0.865	0.865	50	EPA 8082A	10/29/2014 13:33	10/30/2014 17:12	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.865	0.865	50	EPA 8082A	10/29/2014 13:33	10/30/2014 17:12	AMC
1336-36-3	* Total PCBs	34.4		mg/kg dry	0.865	0.865	50	EPA 8082A	10/29/2014 13:33	10/30/2014 17:12	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	%	S-01			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	%	S-01			30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4780	B	mg/kg dry	1.04	1.04	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7440-36-0	Antimony	0.552		mg/kg dry	0.519	0.519	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7440-38-2	Arsenic	8.14		mg/kg dry	1.04	1.04	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7440-39-3	Barium	335		mg/kg dry	1.04	1.04	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.104	0.104	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.311	0.311	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7440-70-2	Calcium	102000		mg/kg dry	0.519	5.19	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7440-47-3	Chromium	13.6		mg/kg dry	0.519	0.519	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7440-48-4	Cobalt	12.9		mg/kg dry	0.519	0.519	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7440-50-8	Copper	341		mg/kg dry	0.519	0.519	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7439-89-6	Iron	11500		mg/kg dry	2.08	2.08	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7439-92-1	Lead	154		mg/kg dry	0.311	0.311	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7439-95-4	Magnesium	10000		mg/kg dry	5.19	5.19	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7439-96-5	Manganese	1090		mg/kg dry	0.519	0.519	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7440-02-0	Nickel	32.3		mg/kg dry	0.519	0.519	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7440-09-7	Potassium	900		mg/kg dry	5.19	5.19	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7782-49-2	Selenium	2.74		mg/kg dry	1.04	1.04	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7440-22-4	Silver	ND		mg/kg dry	0.519	0.519	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7440-23-5	Sodium	283		mg/kg dry	10.4	10.4	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7440-28-0	Thallium	ND		mg/kg dry	1.04	1.04	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7440-62-2	Vanadium	18.3		mg/kg dry	1.04	1.04	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW
7440-66-6	Zinc	175		mg/kg dry	1.04	1.04	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:40	MW



Sample Information

Client Sample ID: SB-1 (0'-2') **York Sample ID:** 14J1078-01
York Project (SDG) No.: 14J1078 **Client Project ID:** 14-133-1270 131-32 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 27, 2014 3:00 pm **Date Received:** 10/28/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.76		mg/kg dry	0.0311	0.0311	1	EPA 7473	11/04/2014 10:21	11/04/2014 13:58	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.3		%	0.100	0.100	1	SM 2540G	11/01/2014 16:16	11/03/2014 15:57	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.363	0.519	1	EPA 7196A	11/03/2014 07:26	11/03/2014 14:01	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	13.6		mg/kg	0.250	0.500	1	Calculation	11/03/2014 14:02	11/03/2014 14:06	SC

Sample Information

Client Sample ID: SB-1 (15'-17') **York Sample ID:** 14J1078-02
York Project (SDG) No.: 14J1078 **Client Project ID:** 14-133-1270 131-32 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 27, 2014 3:00 pm **Date Received:** 10/28/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS



Sample Information

Client Sample ID: SB-1 (15'-17')

York Sample ID: 14J1078-02

York Project (SDG) No.

Client Project ID

Matrix

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14-133-1270 131-32 Avery Ave Queens NY

Soil

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Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	97	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
67-64-1	Acetone	280	E	ug/kg dry	4.9	9.7	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
107-02-8	Acrolein	ND		ug/kg dry	4.9	9.7	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
75-09-2	Methylene chloride	6.2	J	ug/kg dry	4.9	9.7	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS



Sample Information

Client Sample ID: SB-1 (15'-17')

York Sample ID: 14J1078-02

York Project (SDG) No.

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14-133-1270 131-32 Avery Ave Queens NY

Soil

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10/28/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.7	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
108-88-3	Toluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:09	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	133 %	S-08		77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	94.2 %			76-130						
2037-26-5	Surrogate: Toluene-d8	98.2 %			85-120						

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
98-86-2	Acetophenone	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
62-53-3	Aniline	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
120-12-7	Anthracene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
1912-24-9	Atrazine	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
92-87-5	Benzidine	ND		ug/kg dry	168	335	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	84.5	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
65-85-0	Benzoic acid	ND		ug/kg dry	115	335	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH



Sample Information

Client Sample ID: SB-1 (15'-17')

York Sample ID: 14J1078-02

York Project (SDG) No.

Client Project ID

Matrix

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14-133-1270 131-32 Avery Ave Queens NY

Soil

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Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	84.5	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
105-60-2	Caprolactam	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
86-74-8	Carbazole	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	84.5	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	84.5	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
218-01-9	Chrysene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	168	335	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	84.5	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	84.5	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	168	335	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	84.5	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
206-44-0	Fluoranthene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
86-73-7	Fluorene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	84.5	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH



Sample Information

Client Sample ID: SB-1 (15'-17')

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14-133-1270 131-32 Avery Ave Queens NY

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Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
78-59-1	Isophorone	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	84.5	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	84.5	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
91-20-3	Naphthalene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	84.5	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	84.5	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	84.5	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	84.5	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	84.5	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
85-01-8	Phenanthrene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
108-95-2	Phenol	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
129-00-0	Pyrene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	84.5	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	42.2	168	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:05	KH
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	40.7 %			10-99						
4165-62-2	Surrogate: Phenol-d5	45.9 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	40.0 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	48.9 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	59.7 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	62.8 %			10-123						



Sample Information

Client Sample ID: SB-1 (15'-17')

York Sample ID: 14J1078-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1078

14-133-1270 131-32 Avery Ave Queens NY

Soil

October 27, 2014 3:00 pm

10/28/2014

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to	Dilution	Reference Method	Date/Time	Date/Time	Analyst
						LOQ			Prepared	Analyzed	
72-54-8	4,4'-DDD	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
309-00-2	Aldrin	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
57-74-9	Chlordane, total	ND		ug/kg dry	66.4	66.4	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
72-20-8	Endrin	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.29	8.29	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
8001-35-2	Toxaphene	ND		ug/kg dry	84.0	84.0	5	EPA 8081B	10/29/2014 13:33	10/30/2014 09:45	JW
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	86.7 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	83.5 %			30-140						



Sample Information

Client Sample ID: SB-1 (15'-17')

York Sample ID: 14J1078-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1078

14-133-1270 131-32 Avery Ave Queens NY

Soil

October 27, 2014 3:00 pm

10/28/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0168	0.0168	1	EPA 8082A	10/29/2014 13:33	10/30/2014 15:15	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0168	0.0168	1	EPA 8082A	10/29/2014 13:33	10/30/2014 15:15	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0168	0.0168	1	EPA 8082A	10/29/2014 13:33	10/30/2014 15:15	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0168	0.0168	1	EPA 8082A	10/29/2014 13:33	10/30/2014 15:15	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0168	0.0168	1	EPA 8082A	10/29/2014 13:33	10/30/2014 15:15	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0168	0.0168	1	EPA 8082A	10/29/2014 13:33	10/30/2014 15:15	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0168	0.0168	1	EPA 8082A	10/29/2014 13:33	10/30/2014 15:15	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0168	0.0168	1	EPA 8082A	10/29/2014 13:33	10/30/2014 15:15	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	93.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	86.5 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	1580	B	mg/kg dry	1.01	1.01	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7440-36-0	Antimony	ND		mg/kg dry	0.503	0.503	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7440-38-2	Arsenic	ND		mg/kg dry	1.01	1.01	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7440-39-3	Barium	15.6		mg/kg dry	1.01	1.01	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.101	0.101	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.302	0.302	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7440-70-2	Calcium	795		mg/kg dry	0.503	5.03	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7440-47-3	Chromium	4.68		mg/kg dry	0.503	0.503	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7440-48-4	Cobalt	4.06		mg/kg dry	0.503	0.503	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7440-50-8	Copper	8.89		mg/kg dry	0.503	0.503	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7439-89-6	Iron	6580		mg/kg dry	2.01	2.01	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7439-92-1	Lead	1.35		mg/kg dry	0.302	0.302	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7439-95-4	Magnesium	931		mg/kg dry	5.03	5.03	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7439-96-5	Manganese	233		mg/kg dry	0.503	0.503	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7440-02-0	Nickel	9.59		mg/kg dry	0.503	0.503	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7440-09-7	Potassium	352		mg/kg dry	5.03	5.03	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7782-49-2	Selenium	ND		mg/kg dry	1.01	1.01	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7440-22-4	Silver	ND		mg/kg dry	0.503	0.503	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7440-23-5	Sodium	143		mg/kg dry	10.1	10.1	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7440-28-0	Thallium	ND		mg/kg dry	1.01	1.01	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7440-62-2	Vanadium	7.74		mg/kg dry	1.01	1.01	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW
7440-66-6	Zinc	15.3		mg/kg dry	1.01	1.01	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:44	MW



Sample Information

Client Sample ID: SB-1 (15'-17') **York Sample ID:** 14J1078-02
York Project (SDG) No.: 14J1078 **Client Project ID:** 14-133-1270 131-32 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 27, 2014 3:00 pm **Date Received:** 10/28/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0302	0.0302	1	EPA 7473	10/29/2014 06:51	10/29/2014 12:06	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	99.5		%	0.100	0.100	1	SM 2540G	11/01/2014 16:16	11/03/2014 15:57	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.352	0.503	1	EPA 7196A	11/03/2014 07:26	11/03/2014 14:01	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	4.68		mg/kg	0.250	0.500	1	Calculation	11/03/2014 14:02	11/03/2014 14:06	SC

Sample Information

Client Sample ID: SB-2 (0'-2') **York Sample ID:** 14J1078-03
York Project (SDG) No.: 14J1078 **Client Project ID:** 14-133-1270 131-32 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 27, 2014 3:00 pm **Date Received:** 10/28/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS



Sample Information

Client Sample ID: SB-2 (0'-2')

York Sample ID: 14J1078-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1078

14-133-1270 131-32 Avery Ave Queens NY

Soil

October 27, 2014 3:00 pm

10/28/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	88	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
67-64-1	Acetone	140		ug/kg dry	4.4	8.8	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
107-02-8	Acrolein	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS



Sample Information

Client Sample ID: SB-2 (0'-2')

York Sample ID: 14J1078-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1078

14-133-1270 131-32 Avery Ave Queens NY

Soil

October 27, 2014 3:00 pm

10/28/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
127-18-4	Tetrachloroethylene	15		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
79-01-6	Trichloroethylene	9.4		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/03/2014 07:59	11/03/2014 20:44	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	139 %	S-08		77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	93.5 %			76-130						
2037-26-5	Surrogate: Toluene-d8	94.4 %			85-120						

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
98-86-2	Acetophenone	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
62-53-3	Aniline	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
120-12-7	Anthracene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
1912-24-9	Atrazine	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
92-87-5	Benzidine	ND		ug/kg dry	172	344	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	86.7	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
65-85-0	Benzoic acid	ND		ug/kg dry	118	344	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR



Sample Information

Client Sample ID: SB-2 (0'-2')

York Sample ID: 14J1078-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1078

14-133-1270 131-32 Avery Ave Queens NY

Soil

October 27, 2014 3:00 pm

10/28/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	86.7	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
105-60-2	Caprolactam	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
86-74-8	Carbazole	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	86.7	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	86.7	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
218-01-9	Chrysene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	172	344	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	86.7	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	86.7	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	172	344	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	86.7	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
206-44-0	Fluoranthene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
86-73-7	Fluorene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	86.7	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR



Sample Information

Client Sample ID: SB-2 (0'-2')

York Sample ID: 14J1078-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1078

14-133-1270 131-32 Avery Ave Queens NY

Soil

October 27, 2014 3:00 pm

10/28/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
78-59-1	Isophorone	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	86.7	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	86.7	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
91-20-3	Naphthalene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.7	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.7	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	86.7	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	86.7	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	86.7	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
85-01-8	Phenanthrene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
108-95-2	Phenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
129-00-0	Pyrene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	86.7	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	10/30/2014 13:58	10/31/2014 23:16	SR
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	50.3 %			10-99						
4165-62-2	Surrogate: Phenol-d5	52.3 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	41.3 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	54.8 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	46.9 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	51.4 %			10-123						



Sample Information

Client Sample ID: SB-2 (0'-2')

York Sample ID: 14J1078-03

<u>York Project (SDG) No.</u> 14J1078	<u>Client Project ID</u> 14-133-1270 131-32 Avery Ave Queens NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2014 3:00 pm	<u>Date Received</u> 10/28/2014
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
					LOD/MDL	LOQ					
72-54-8	4,4'-DDD	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
309-00-2	Aldrin	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
57-74-9	Chlordane, total	ND		ug/kg dry	68.2	68.2	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
72-20-8	Endrin	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.70	1.70	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.52	8.52	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
8001-35-2	Toxaphene	ND		ug/kg dry	86.2	86.2	5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:00	JW
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	79.7 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	75.2 %			30-140						



Sample Information

Client Sample ID: SB-2 (0'-2')

York Sample ID: 14J1078-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1078

14-133-1270 131-32 Avery Ave Queens NY

Soil

October 27, 2014 3:00 pm

10/28/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	0.0172	1	EPA 8082A	10/29/2014 13:33	10/30/2014 15:44	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	0.0172	1	EPA 8082A	10/29/2014 13:33	10/30/2014 15:44	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	0.0172	1	EPA 8082A	10/29/2014 13:33	10/30/2014 15:44	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	0.0172	1	EPA 8082A	10/29/2014 13:33	10/30/2014 15:44	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	0.0172	1	EPA 8082A	10/29/2014 13:33	10/30/2014 15:44	AMC
11097-69-1	Aroclor 1254	0.0618		mg/kg dry	0.0172	0.0172	1	EPA 8082A	10/29/2014 13:33	10/30/2014 15:44	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	0.0172	1	EPA 8082A	10/29/2014 13:33	10/30/2014 15:44	AMC
1336-36-3	* Total PCBs	0.0618		mg/kg dry	0.0172	0.0172	1	EPA 8082A	10/29/2014 13:33	10/30/2014 15:44	AMC
	Surrogate Recoveries	Result									
877-09-8	Surrogate: Tetrachloro-m-xylene	88.0 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	77.0 %				30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4430	B	mg/kg dry	1.03	1.03	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7440-36-0	Antimony	ND		mg/kg dry	0.516	0.516	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7440-38-2	Arsenic	1.23		mg/kg dry	1.03	1.03	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7440-39-3	Barium	24.5		mg/kg dry	1.03	1.03	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.103	0.103	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.310	0.310	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7440-70-2	Calcium	732		mg/kg dry	0.516	5.16	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7440-47-3	Chromium	11.2		mg/kg dry	0.516	0.516	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7440-48-4	Cobalt	4.45		mg/kg dry	0.516	0.516	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7440-50-8	Copper	11.0		mg/kg dry	0.516	0.516	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7439-89-6	Iron	9890		mg/kg dry	2.07	2.07	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7439-92-1	Lead	4.37		mg/kg dry	0.310	0.310	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7439-95-4	Magnesium	1340		mg/kg dry	5.16	5.16	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7439-96-5	Manganese	236		mg/kg dry	0.516	0.516	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7440-02-0	Nickel	12.5		mg/kg dry	0.516	0.516	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7440-09-7	Potassium	500		mg/kg dry	5.16	5.16	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7782-49-2	Selenium	ND		mg/kg dry	1.03	1.03	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7440-22-4	Silver	ND		mg/kg dry	0.516	0.516	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7440-23-5	Sodium	132		mg/kg dry	10.3	10.3	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7440-28-0	Thallium	ND		mg/kg dry	1.03	1.03	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7440-62-2	Vanadium	14.8		mg/kg dry	1.03	1.03	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW
7440-66-6	Zinc	51.8		mg/kg dry	1.03	1.03	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:49	MW



Sample Information

Client Sample ID: SB-2 (0'-2') York Sample ID: 14J1078-03
York Project (SDG) No. 14J1078 Client Project ID 14-133-1270 131-32 Avery Ave Queens NY Matrix Soil Collection Date/Time October 27, 2014 3:00 pm Date Received 10/28/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/kg dry 0.0310 0.0310 1 EPA 7473 10/29/2014 06:51 10/29/2014 12:15 ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids * % Solids 96.8 % 0.100 0.100 1 SM 2540G 11/01/2014 16:16 11/03/2014 15:57 SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 18540-29-9 Chromium, Hexavalent ND mg/kg dry 0.361 0.516 1 EPA 7196A 11/03/2014 07:26 11/03/2014 14:01 SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 16065-83-1 * Chromium, Trivalent 11.2 mg/kg 0.250 0.500 1 Calculation 11/03/2014 14:02 11/03/2014 14:06 SC

Sample Information

Client Sample ID: SB-2 (15'-17') York Sample ID: 14J1078-04
York Project (SDG) No. 14J1078 Client Project ID 14-133-1270 131-32 Avery Ave Queens NY Matrix Soil Collection Date/Time October 27, 2014 3:00 pm Date Received 10/28/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 630-20-6, 71-55-6, 79-34-5, 76-13-1, 79-00-5, 75-34-3, 75-35-4.



Sample Information

Client Sample ID: SB-2 (15'-17')

York Sample ID: 14J1078-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1078

14-133-1270 131-32 Avery Ave Queens NY

Soil

October 27, 2014 3:00 pm

10/28/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
67-64-1	Acetone	77		ug/kg dry	5.5	11	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
107-02-8	Acrolein	ND		ug/kg dry	5.5	11	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS



Sample Information

Client Sample ID: SB-2 (15'-17')

York Sample ID: 14J1078-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1078

14-133-1270 131-32 Avery Ave Queens NY

Soil

October 27, 2014 3:00 pm

10/28/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
100-42-5	Styrene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C	11/03/2014 07:59	11/03/2014 21:19	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	138 %	S-08		77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	90.6 %			76-130						
2037-26-5	Surrogate: Toluene-d8	93.9 %			85-120						

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
98-86-2	Acetophenone	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
62-53-3	Aniline	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
120-12-7	Anthracene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
1912-24-9	Atrazine	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
92-87-5	Benzidine	ND		ug/kg dry	167	334	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	84.2	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
65-85-0	Benzoic acid	ND		ug/kg dry	114	334	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH



Sample Information

Client Sample ID: SB-2 (15'-17')

York Sample ID: 14J1078-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1078

14-133-1270 131-32 Avery Ave Queens NY

Soil

October 27, 2014 3:00 pm

10/28/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	84.2	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
105-60-2	Caprolactam	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
86-74-8	Carbazole	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	84.2	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	84.2	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
218-01-9	Chrysene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	167	334	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	84.2	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	84.2	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	167	334	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	84.2	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
206-44-0	Fluoranthene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
86-73-7	Fluorene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	84.2	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH



Sample Information

Client Sample ID: SB-2 (15'-17')

York Sample ID: 14J1078-04

<u>York Project (SDG) No.</u> 14J1078	<u>Client Project ID</u> 14-133-1270 131-32 Avery Ave Queens NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2014 3:00 pm	<u>Date Received</u> 10/28/2014
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Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
78-59-1	Isophorone	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	84.2	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	84.2	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
91-20-3	Naphthalene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	84.2	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	84.2	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	84.2	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	84.2	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	84.2	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
85-01-8	Phenanthrene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
108-95-2	Phenol	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
129-00-0	Pyrene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	84.2	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	42.1	167	1	EPA 8270D	10/30/2014 13:58	10/31/2014 12:35	KH
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	38.7 %			10-99						
4165-62-2	Surrogate: Phenol-d5	45.6 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	49.0 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	55.0 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	58.5 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	63.2 %			10-123						



Sample Information

Client Sample ID: SB-2 (15'-17')

York Sample ID: 14J1078-04

York Project (SDG) No.

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14J1078

14-133-1270 131-32 Avery Ave Queens NY

Soil

October 27, 2014 3:00 pm

10/28/2014

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
						LOQ						
72-54-8	4,4'-DDD	ND		ug/kg dry	1.65	1.65		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.65	1.65		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.65	1.65		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
309-00-2	Aldrin	ND		ug/kg dry	1.65	1.65		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.65	1.65		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.65	1.65		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
57-74-9	Chlordane, total	ND		ug/kg dry	66.2	66.2		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.65	1.65		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.65	1.65		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.65	1.65		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.65	1.65		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.65	1.65		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.65	1.65		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
72-20-8	Endrin	ND		ug/kg dry	1.65	1.65		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.65	1.65		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.65	1.65		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.65	1.65		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.65	1.65		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.65	1.65		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.65	1.65		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.27	8.27		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
8001-35-2	Toxaphene	ND		ug/kg dry	83.7	83.7		5	EPA 8081B	10/29/2014 13:33	10/30/2014 10:15	JW
Surrogate Recoveries		Result			Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	81.3 %			30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	76.0 %			30-140							



Sample Information

Client Sample ID: SB-2 (15'-17')

York Sample ID: 14J1078-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1078

14-133-1270 131-32 Avery Ave Queens NY

Soil

October 27, 2014 3:00 pm

10/28/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0167	0.0167	1	EPA 8082A	10/29/2014 13:33	10/30/2014 16:13	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0167	0.0167	1	EPA 8082A	10/29/2014 13:33	10/30/2014 16:13	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0167	0.0167	1	EPA 8082A	10/29/2014 13:33	10/30/2014 16:13	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0167	0.0167	1	EPA 8082A	10/29/2014 13:33	10/30/2014 16:13	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0167	0.0167	1	EPA 8082A	10/29/2014 13:33	10/30/2014 16:13	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0167	0.0167	1	EPA 8082A	10/29/2014 13:33	10/30/2014 16:13	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0167	0.0167	1	EPA 8082A	10/29/2014 13:33	10/30/2014 16:13	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0167	0.0167	1	EPA 8082A	10/29/2014 13:33	10/30/2014 16:13	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	85.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	77.5 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	1670	B	mg/kg dry	1.00	1.00	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7440-36-0	Antimony	ND		mg/kg dry	0.501	0.501	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7440-38-2	Arsenic	ND		mg/kg dry	1.00	1.00	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7440-39-3	Barium	17.7		mg/kg dry	1.00	1.00	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.100	0.100	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.301	0.301	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7440-70-2	Calcium	473		mg/kg dry	0.501	5.01	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7440-47-3	Chromium	5.35		mg/kg dry	0.501	0.501	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7440-48-4	Cobalt	2.53		mg/kg dry	0.501	0.501	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7440-50-8	Copper	7.15		mg/kg dry	0.501	0.501	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7439-89-6	Iron	5340		mg/kg dry	2.00	2.00	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7439-92-1	Lead	1.12		mg/kg dry	0.301	0.301	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7439-95-4	Magnesium	816		mg/kg dry	5.01	5.01	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7439-96-5	Manganese	254		mg/kg dry	0.501	0.501	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7440-02-0	Nickel	7.72		mg/kg dry	0.501	0.501	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7440-09-7	Potassium	374		mg/kg dry	5.01	5.01	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7782-49-2	Selenium	ND		mg/kg dry	1.00	1.00	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7440-22-4	Silver	ND		mg/kg dry	0.501	0.501	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7440-23-5	Sodium	119		mg/kg dry	10.0	10.0	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7440-28-0	Thallium	ND		mg/kg dry	1.00	1.00	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7440-62-2	Vanadium	6.63		mg/kg dry	1.00	1.00	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW
7440-66-6	Zinc	8.56		mg/kg dry	1.00	1.00	1	EPA 6010C	10/29/2014 14:10	10/29/2014 17:54	MW



Sample Information

Client Sample ID: SB-2 (15'-17') **York Sample ID:** 14J1078-04
York Project (SDG) No. 14J1078 **Client Project ID** 14-133-1270 131-32 Avery Ave Queens NY **Matrix** Soil **Collection Date/Time** October 27, 2014 3:00 pm **Date Received** 10/28/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0301	0.0301	1	EPA 7473	10/29/2014 06:51	10/29/2014 12:24	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	99.8		%	0.100	0.100	1	SM 2540G	11/01/2014 16:16	11/03/2014 15:57	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.351	0.501	1	EPA 7196A	11/03/2014 07:26	11/03/2014 14:01	SC

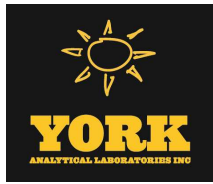
Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	5.35		mg/kg	0.250	0.500	1	Calculation	11/03/2014 14:02	11/03/2014 14:06	SC



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14J1078-01	SB-1 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14J1078-02	SB-1 (15'-17')	40mL Vial with Stir Bar-Cool 4° C
14J1078-03	SB-2 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14J1078-04	SB-2 (15'-17')	40mL Vial with Stir Bar-Cool 4° C

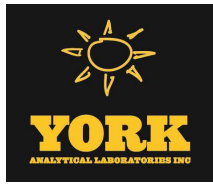


Notes and Definitions

- S-08 The recovery of this surrogate was outside of QC limits.
- S-01 The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
- QL-02 This LCS analyte is outside Laboratory Recovery limits due to the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
- J Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
- E The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
- B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

-
- * Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
- ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
- RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
- LOQ LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
- LOD LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
- MDL METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
- Reported to This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
- NR Not reported
- RPD Relative Percent Difference
- Wet The data has been reported on an as-received (wet weight) basis
- Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
- High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
- Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.



If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

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. 14J1078

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: <u>Athenica Env. Serv.</u>		Company: _____		Company: _____		14-133-1270 - 131-32 Avery Avenue, Queens, NY		<input type="checkbox"/> RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day		<input type="checkbox"/> Summary Report <input type="checkbox"/> Summary w/ QA Summary <input type="checkbox"/> CT RCP Package <input type="checkbox"/> CTRCP DQA/DUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> NJDEP Red. Deliv.	
Address: <u>45-09 Greenpoint Ave</u> <u>Queens, NY 11104</u>		Address: <u>SAME</u>		Address: <u>SAME</u>		Purchase Order No.					
Phone No: <u>(718) 784-7490</u>		Phone No: _____		Phone No: _____							
Contact Person: <u>Ezgi Karayel</u>		Attention: _____		Attention: <u>Josiane Charles</u>							
E-Mail Address: <u>ekarayel@athenica.com</u>		E-Mail Address: _____		E-Mail Address: <u>jcharles@athenica.com</u>		Samples from: CT <input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/>		Standard(5-7 Days) <input checked="" type="checkbox"/>		Electronic Data Deliverables (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.

[Signature]
 Samples Collected/Authorized By (Signature)
Ezgi Karayel
 Name (printed)

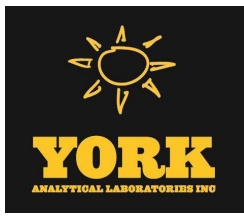
Volatiles	Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full TICs	8270 or 625 STARS list	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624 Site Spec.	BN Only	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list Nassau Co.	Acids Only	8151Herb	TAL	CT ETPH	TAL MetCN	Ignitability
BTEX Suffolk Co.	PAH list	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE Ketones	TAGM 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 Dioxin/Furan	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	<u>Indiv. Metals</u>	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

Simple Excel _____
 NYSDEC EQuIS _____
 EQuIS (std) _____
 EZ-EDD (EQuIS) _____
 NJDEP SRP HazSite EDD _____
 GIS/KEY (std) _____
 Other _____
York Regulatory Comparison
 Excel Spreadsheet
 Compare to the following Regs. (please fill in):
Part 375 unrestricted & Restricted Residential

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB-1 (0'-2')	10/27/14	S	8260, 8270, 8081/8082, TAL metals, Chromium hexavalent+trivalent	1 Terra-Core, 1 8oz jar
SB-1 (15'-17')	↓	↓	↓	↓
SB-2 (0'-2')	↓	↓	↓	↓
SB-2 (15'-17')	↓	↓	↓	↓

Comments
"E" Designation Project

Preservation <input type="checkbox"/> 4°C Frozen <input type="checkbox"/> HCl <input type="checkbox"/> MeOH <input type="checkbox"/> ZnAc <input type="checkbox"/> Ascorbic Acid <input type="checkbox"/> Other	4°C _____ Frozen _____ HCl _____ MeOH _____ ZnAc _____ Ascorbic Acid _____ Other _____	HNO ₃ _____ H ₂ SO ₄ _____ NaOH _____ Other _____	Temperature on Receipt <u>40</u>
Special Instructions <input type="checkbox"/> Field Filtered <input type="checkbox"/> Lab to Filter	Samples Relinquished By <u>J. Espinosa</u> Date/Time <u>10/28/14</u> Samples Relinquished By _____ Date/Time _____	Samples Received By <u>[Signature]</u> Date/Time <u>10/28/14</u> Samples Received in LAB by <u>[Signature]</u> Date/Time <u>10-28-14/1810</u>	



Technical Report

prepared for:

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

Report Date: 11/10/2014
Client Project ID: 14-133-1270 131-32 Avery Avenue Queens NY
York Project (SDG) No.: 14J1199

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 11/10/2014
Client Project ID: 14-133-1270 131-32 Avery Avenue Queens NY
York Project (SDG) No.: 14J1199

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 29, 2014 and listed below. The project was identified as your project: **14-133-1270 131-32 Avery Avenue Queens NY.**

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14J1199-01	SB-3 (0'-2')	Soil	10/28/2014	10/29/2014
14J1199-02	SB-3 (4'-6')	Soil	10/28/2014	10/29/2014
14J1199-03	SB-3 (15'-17')	Soil	10/28/2014	10/29/2014
14J1199-04	SB-5 (0'-2')	Soil	10/28/2014	10/29/2014
14J1199-05	SB-5 (13'-15')	Soil	10/28/2014	10/29/2014
14J1199-06	SB-4 (0'-2')	Soil	10/28/2014	10/29/2014
14J1199-07	SB-4 (15'17')	Soil	10/28/2014	10/29/2014

General Notes for York Project (SDG) No.: 14J1199

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/10/2014





Sample Information

Client Sample ID: SB-3 (0'-2')

York Sample ID: 14J1199-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
14J1199	14-133-1270 131-32 Avery Avenue Queens NY	Soil	October 28, 2014 3:00 pm	10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	89	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
67-64-1	Acetone	87	Cal-E	ug/kg dry	4.4	8.9	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
107-02-8	Acrolein	ND		ug/kg dry	4.4	8.9	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS



Sample Information

Client Sample ID: SB-3 (0'-2')

York Sample ID: 14J1199-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.4	8.9	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.9	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
79-01-6	Trichloroethylene	3.6	J	ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	13	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:12	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	87.5 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	92.2 %			76-130						
2037-26-5	Surrogate: Toluene-d8	109 %			85-120						



Sample Information

Client Sample ID: SB-3 (0'-2')

York Sample ID: 14J1199-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
98-86-2	Acetophenone	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
62-53-3	Aniline	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
120-12-7	Anthracene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
1912-24-9	Atrazine	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
92-87-5	Benzidine	ND		ug/kg dry	342	682	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	172	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
65-85-0	Benzoic acid	ND		ug/kg dry	234	683	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	172	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
105-60-2	Caprolactam	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
86-74-8	Carbazole	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	172	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	172	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
218-01-9	Chrysene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH



Sample Information

Client Sample ID: SB-3 (0'-2')

York Sample ID: 14J1199-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

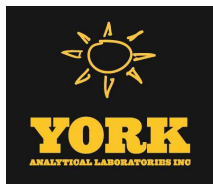
Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	342	682	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	172	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	172	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	342	683	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	172	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
206-44-0	Fluoranthene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
86-73-7	Fluorene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	172	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
78-59-1	Isophorone	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	172	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	172	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
91-20-3	Naphthalene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	172	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	172	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	172	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	172	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	172	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
85-01-8	Phenanthrene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH



Sample Information

Client Sample ID: SB-3 (0'-2')

York Sample ID: 14J1199-01

<u>York Project (SDG) No.</u> 14J1199	<u>Client Project ID</u> 14-133-1270 131-32 Avery Avenue Queens NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 28, 2014 3:00 pm	<u>Date Received</u> 10/29/2014
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Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
129-00-0	Pyrene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	172	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	86.0	341	2	EPA 8270D	11/03/2014 06:43	11/03/2014 21:43	KH
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	27.5 %			10-99						
4165-62-2	Surrogate: Phenol-d5	22.5 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	25.0 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	27.8 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	21.4 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	35.1 %			10-123						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
309-00-2	Aldrin	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
57-74-9	Chlordane, total	ND		ug/kg dry	67.6	67.6	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
72-20-8	Endrin	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW



Sample Information

Client Sample ID: SB-3 (0'-2')

York Sample ID: 14J1199-01

<u>York Project (SDG) No.</u> 14J1199	<u>Client Project ID</u> 14-133-1270 131-32 Avery Avenue Queens NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 28, 2014 3:00 pm	<u>Date Received</u> 10/29/2014
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.69	1.69	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.45	8.45	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
8001-35-2	Toxaphene	ND		ug/kg dry	85.5	85.5	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:59	JW
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	74.2 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	120 %		30-140							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.341	0.341	20	EPA 8082A	11/03/2014 14:07	11/07/2014 02:33	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.341	0.341	20	EPA 8082A	11/03/2014 14:07	11/07/2014 02:33	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.341	0.341	20	EPA 8082A	11/03/2014 14:07	11/07/2014 02:33	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.341	0.341	20	EPA 8082A	11/03/2014 14:07	11/07/2014 02:33	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.341	0.341	20	EPA 8082A	11/03/2014 14:07	11/07/2014 02:33	AMC
11097-69-1	Aroclor 1254	9.76		mg/kg dry	0.341	0.341	20	EPA 8082A	11/03/2014 14:07	11/07/2014 02:33	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.341	0.341	20	EPA 8082A	11/03/2014 14:07	11/07/2014 02:33	AMC
1336-36-3	* Total PCBs	9.76		mg/kg dry	0.341	0.341	20	EPA 8082A	11/03/2014 14:07	11/07/2014 02:33	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	%	S-01	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	%	S-01	30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5550		mg/kg dry	1.02	1.02	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.512	0.512	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC
7440-38-2	Arsenic	4.28		mg/kg dry	1.02	1.02	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC
7440-39-3	Barium	53.9		mg/kg dry	1.02	1.02	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.102	0.102	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.307	0.307	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC
7440-70-2	Calcium	60200		mg/kg dry	0.512	5.12	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC
7440-47-3	Chromium	13.1		mg/kg dry	0.512	0.512	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC
7440-48-4	Cobalt	5.04		mg/kg dry	0.512	0.512	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC
7440-50-8	Copper	27.5		mg/kg dry	0.512	0.512	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC



Sample Information

Client Sample ID: SB-3 (0'-2') **York Sample ID:** 14J1199-01
York Project (SDG) No.: 14J1199 **Client Project ID:** 14-133-1270 131-32 Avery Avenue Queens NY **Matrix:** Soil **Collection Date/Time:** October 28, 2014 3:00 pm **Date Received:** 10/29/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	13400		mg/kg dry	2.05	2.05	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC
7439-92-1	Lead	70.5		mg/kg dry	0.307	0.307	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC
7439-95-4	Magnesium	5420		mg/kg dry	5.12	5.12	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC
7439-96-5	Manganese	313		mg/kg dry	0.512	0.512	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC
7440-02-0	Nickel	17.5		mg/kg dry	0.512	0.512	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC
7440-09-7	Potassium	887		mg/kg dry	5.12	5.12	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC
7782-49-2	Selenium	4.40		mg/kg dry	1.02	1.02	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC
7440-22-4	Silver	ND		mg/kg dry	0.512	0.512	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC
7440-23-5	Sodium	129		mg/kg dry	10.2	10.2	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.02	1.02	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC
7440-62-2	Vanadium	22.3		mg/kg dry	1.02	1.02	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC
7440-66-6	Zinc	64.5		mg/kg dry	1.02	1.02	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:59	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0916		mg/kg dry	0.0307	0.0307	1	EPA 7473	11/04/2014 10:21	11/04/2014 14:44	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	97.6		%	0.100	0.100	1	SM 2540G	11/05/2014 09:14	11/05/2014 15:36	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.358	0.512	1	EPA 7196A	11/05/2014 07:25	11/05/2014 14:59	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	13.1		mg/kg	0.250	0.500	1	Calculation	11/05/2014 15:02	11/05/2014 17:40	PAM



Sample Information

Client Sample ID: SB-3 (4'-6')

York Sample ID: 14J1199-02

<u>York Project (SDG) No.</u> 14J1199	<u>Client Project ID</u> 14-133-1270 131-32 Avery Avenue Queens NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 28, 2014 3:00 pm	<u>Date Received</u> 10/29/2014
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Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	95	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
67-64-1	Acetone	6.3	Cal-E, J	ug/kg dry	4.7	9.5	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
107-02-8	Acrolein	ND		ug/kg dry	4.7	9.5	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS



Sample Information

Client Sample ID: SB-3 (4'-6')

York Sample ID: 14J1199-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.7	9.5	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.5	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
127-18-4	Tetrachloroethylene	4.9		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
108-88-3	Toluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C	11/06/2014 08:32	11/06/2014 22:52	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	92.7 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	96.2 %	76-130								
2037-26-5	Surrogate: Toluene-d8	109 %	85-120								



Sample Information

Client Sample ID: SB-3 (4'-6')

York Sample ID: 14J1199-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
98-86-2	Acetophenone	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
62-53-3	Aniline	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
120-12-7	Anthracene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
1912-24-9	Atrazine	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
92-87-5	Benzidine	ND		ug/kg dry	187	373	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	94.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
65-85-0	Benzoic acid	ND		ug/kg dry	128	373	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	94.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
105-60-2	Caprolactam	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
86-74-8	Carbazole	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	94.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	94.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
218-01-9	Chrysene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH



Sample Information

Client Sample ID: SB-3 (4'-6')

York Sample ID: 14J1199-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	187	373	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	94.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	94.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	187	373	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	94.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
206-44-0	Fluoranthene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
86-73-7	Fluorene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	94.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
78-59-1	Isophorone	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	94.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	94.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	94.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	94.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	94.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
85-01-8	Phenanthrene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH



Sample Information

Client Sample ID: SB-3 (4'-6')

York Sample ID: 14J1199-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
129-00-0	Pyrene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	94.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.0	186	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:54	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	38.6 %			10-99						
4165-62-2	Surrogate: Phenol-d5	49.1 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	39.9 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	46.4 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	48.5 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	77.9 %			10-123						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:07	JW
72-55-9	4,4'-DDE	4.99		ug/kg dry	1.85	1.85	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:07	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:07	JW
309-00-2	Aldrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:07	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:07	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:07	JW
57-74-9	Chlordane, total	ND		ug/kg dry	73.8	73.8	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:07	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:07	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:07	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:07	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:07	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:07	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:07	JW
72-20-8	Endrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:07	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:07	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:07	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:07	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:07	JW



Sample Information

Client Sample ID: SB-3 (4'-6')

York Sample ID: 14J1199-02

York Project (SDG) No. 14J1199 Client Project ID 14-133-1270 131-32 Avery Avenue Queens NY Matrix Soil Collection Date/Time October 28, 2014 3:00 pm Date Received 10/29/2014

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Heptachlor epoxide, alpha-Chlordane, Methoxychlor, Toxaphene, and Surrogate Recoveries for Tetrachloro-m-xylene and Decachlorobiphenyl.

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Aroclor 1016, 1221, 1232, 1242, 1248, 1254, 1260, Total PCBs, and Surrogate Recoveries for Tetrachloro-m-xylene and Decachlorobiphenyl.

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, and Copper.



Sample Information

Client Sample ID: SB-3 (4'-6')

York Sample ID: 14J1199-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	26100		mg/kg dry	2.24	2.24	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:04	AMC
7439-92-1	Lead	10.5		mg/kg dry	0.336	0.336	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:04	AMC
7439-95-4	Magnesium	2920		mg/kg dry	5.59	5.59	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:04	AMC
7439-96-5	Manganese	365		mg/kg dry	0.559	0.559	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:04	AMC
7440-02-0	Nickel	21.5		mg/kg dry	0.559	0.559	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:04	AMC
7440-09-7	Potassium	855		mg/kg dry	5.59	5.59	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:04	AMC
7782-49-2	Selenium	5.29		mg/kg dry	1.12	1.12	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:04	AMC
7440-22-4	Silver	ND		mg/kg dry	0.559	0.559	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:04	AMC
7440-23-5	Sodium	60.0		mg/kg dry	11.2	11.2	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:04	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:04	AMC
7440-62-2	Vanadium	37.3		mg/kg dry	1.12	1.12	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:04	AMC
7440-66-6	Zinc	35.5		mg/kg dry	1.12	1.12	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:04	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0615		mg/kg dry	0.0336	0.0336	1	EPA 7473	11/04/2014 10:21	11/04/2014 14:49	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.4		%	0.100	0.100	1	SM 2540G	11/05/2014 09:14	11/05/2014 15:36	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.392	0.559	1	EPA 7196A	11/05/2014 07:25	11/05/2014 14:59	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	25.9		mg/kg	0.250	0.500	1	Calculation	11/05/2014 15:02	11/05/2014 17:40	PAM



Sample Information

Client Sample ID: SB-3 (15'-17')

York Sample ID: 14J1199-03

<u>York Project (SDG) No.</u> 14J1199	<u>Client Project ID</u> 14-133-1270 131-32 Avery Avenue Queens NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 28, 2014 3:00 pm	<u>Date Received</u> 10/29/2014
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Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	96	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
67-64-1	Acetone	39		ug/kg dry	4.8	9.6	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
107-02-8	Acrolein	ND		ug/kg dry	4.8	9.6	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS



Sample Information

Client Sample ID: SB-3 (15'-17')

York Sample ID: 14J1199-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.8	9.6	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.6	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.2	14	1	EPA 8260C	11/06/2014 08:52	11/06/2014 16:55	SS
	Surrogate Recoveries	Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %		77-125							
460-00-4	Surrogate: p-Bromofluorobenzene	96.0 %		76-130							
2037-26-5	Surrogate: Toluene-d8	102 %		85-120							



Sample Information

Client Sample ID: SB-3 (15'-17')

York Sample ID: 14J1199-03

York Project (SDG) No.

Client Project ID

Matrix

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14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
98-86-2	Acetophenone	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
62-53-3	Aniline	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
120-12-7	Anthracene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
1912-24-9	Atrazine	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
92-87-5	Benzidine	ND		ug/kg dry	168	334	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	84.4	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
65-85-0	Benzoic acid	ND		ug/kg dry	114	335	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	84.4	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
105-60-2	Caprolactam	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
86-74-8	Carbazole	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	84.4	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	84.4	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
218-01-9	Chrysene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH



Sample Information

Client Sample ID: SB-3 (15'-17')

York Sample ID: 14J1199-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	168	334	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	84.4	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	84.4	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	168	335	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	84.4	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
206-44-0	Fluoranthene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
86-73-7	Fluorene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	84.4	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
78-59-1	Isophorone	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	84.4	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	84.4	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
91-20-3	Naphthalene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	84.4	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	84.4	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	84.4	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	84.4	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	84.4	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
85-01-8	Phenanthrene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH



Sample Information

Client Sample ID: SB-3 (15'-17')

York Sample ID: 14J1199-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
129-00-0	Pyrene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	84.4	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	42.2	167	1	EPA 8270D	11/03/2014 06:43	11/03/2014 18:27	KH
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	37.6 %			10-99						
4165-62-2	Surrogate: Phenol-d5	46.4 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	50.0 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	54.1 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	34.5 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	104 %			10-123						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
309-00-2	Aldrin	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
57-74-9	Chlordane, total	ND		ug/kg dry	66.3	66.3	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
72-20-8	Endrin	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW



Sample Information

Client Sample ID: SB-3 (15'-17')

York Sample ID: 14J1199-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.66	1.66	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.28	8.28	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
8001-35-2	Toxaphene	ND		ug/kg dry	83.9	83.9	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:21	JW
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	76.6 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	87.5 %			30-140						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0167	0.0167	1	EPA 8082A	11/03/2014 14:07	11/05/2014 03:50	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0167	0.0167	1	EPA 8082A	11/03/2014 14:07	11/05/2014 03:50	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0167	0.0167	1	EPA 8082A	11/03/2014 14:07	11/05/2014 03:50	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0167	0.0167	1	EPA 8082A	11/03/2014 14:07	11/05/2014 03:50	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0167	0.0167	1	EPA 8082A	11/03/2014 14:07	11/05/2014 03:50	AMC
11097-69-1	Aroclor 1254	0.0696		mg/kg dry	0.0167	0.0167	1	EPA 8082A	11/03/2014 14:07	11/05/2014 03:50	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0167	0.0167	1	EPA 8082A	11/03/2014 14:07	11/05/2014 03:50	AMC
1336-36-3	* Total PCBs	0.0696		mg/kg dry	0.0167	0.0167	1	EPA 8082A	11/03/2014 14:07	11/05/2014 03:50	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	77.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	67.5 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	2550		mg/kg dry	1.00	1.00	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.502	0.502	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC
7440-38-2	Arsenic	ND		mg/kg dry	1.00	1.00	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC
7440-39-3	Barium	18.9		mg/kg dry	1.00	1.00	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.100	0.100	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.301	0.301	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC
7440-70-2	Calcium	993		mg/kg dry	0.502	5.02	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC
7440-47-3	Chromium	7.57		mg/kg dry	0.502	0.502	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC
7440-48-4	Cobalt	3.28		mg/kg dry	0.502	0.502	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC



Sample Information

Client Sample ID: SB-3 (15'-17')

York Sample ID: 14J1199-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	8.30		mg/kg dry	0.502	0.502	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC
7439-89-6	Iron	7890		mg/kg dry	2.01	2.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC
7439-92-1	Lead	2.41		mg/kg dry	0.301	0.301	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC
7439-95-4	Magnesium	981		mg/kg dry	5.02	5.02	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC
7439-96-5	Manganese	214		mg/kg dry	0.502	0.502	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC
7440-02-0	Nickel	9.25		mg/kg dry	0.502	0.502	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC
7440-09-7	Potassium	435		mg/kg dry	5.02	5.02	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC
7782-49-2	Selenium	1.86		mg/kg dry	1.00	1.00	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC
7440-22-4	Silver	ND		mg/kg dry	0.502	0.502	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC
7440-23-5	Sodium	76.8		mg/kg dry	10.0	10.0	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.00	1.00	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC
7440-62-2	Vanadium	9.42		mg/kg dry	1.00	1.00	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC
7440-66-6	Zinc	11.6		mg/kg dry	1.00	1.00	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:08	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0301	0.0301	1	EPA 7473	11/04/2014 10:21	11/04/2014 14:55	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	99.6		%	0.100	0.100	1	SM 2540G	11/05/2014 09:14	11/05/2014 15:36	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.351	0.502	1	EPA 7196A	11/05/2014 07:25	11/05/2014 14:59	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	7.57		mg/kg	0.250	0.500	1	Calculation	11/05/2014 15:02	11/05/2014 17:40	PAM



Sample Information

Client Sample ID: SB-5 (0'-2')

York Sample ID: 14J1199-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	65	130	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
591-78-6	2-Hexanone	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
67-64-1	Acetone	170		ug/kg dry	6.5	13	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
107-02-8	Acrolein	ND		ug/kg dry	6.5	13	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
71-43-2	Benzene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
75-25-2	Bromoform	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
67-66-3	Chloroform	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS



Sample Information

Client Sample ID: SB-5 (0'-2')

York Sample ID: 14J1199-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
79-20-9	Methyl acetate	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
75-09-2	Methylene chloride	ND		ug/kg dry	6.5	13	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.5	13	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
100-42-5	Styrene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
108-88-3	Toluene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
79-01-6	Trichloroethylene	4.9	J	ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.2	6.5	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.7	19	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:24	SS
	Surrogate Recoveries	Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %		77-125							
460-00-4	Surrogate: p-Bromofluorobenzene	98.2 %		76-130							
2037-26-5	Surrogate: Toluene-d8	100 %		85-120							



Sample Information

Client Sample ID: SB-5 (0'-2')

York Sample ID: 14J1199-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
98-86-2	Acetophenone	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
62-53-3	Aniline	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
120-12-7	Anthracene	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
1912-24-9	Atrazine	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
92-87-5	Benzidine	ND		ug/kg dry	877	1750	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
56-55-3	Benzo(a)anthracene	235	J	ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
50-32-8	Benzo(a)pyrene	228	J	ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
205-99-2	Benzo(b)fluoranthene	277	J	ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	441	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
65-85-0	Benzoic acid	ND		ug/kg dry	599	1750	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
207-08-9	Benzo(k)fluoranthene	235	J	ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	441	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
85-68-7	Benzyl butyl phthalate	257	J	ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
105-60-2	Caprolactam	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
86-74-8	Carbazole	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	441	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	441	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
218-01-9	Chrysene	459	J	ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH



Sample Information

Client Sample ID: SB-5 (0'-2')

York Sample ID: 14J1199-04

<u>York Project (SDG) No.</u> 14J1199	<u>Client Project ID</u> 14-133-1270 131-32 Avery Avenue Queens NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 28, 2014 3:00 pm	<u>Date Received</u> 10/29/2014
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Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	877	1750	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	441	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	441	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	877	1750	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	441	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
206-44-0	Fluoranthene	893		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
86-73-7	Fluorene	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	441	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
78-59-1	Isophorone	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	441	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	441	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
91-20-3	Naphthalene	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	441	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	441	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	441	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	441	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	441	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
85-01-8	Phenanthrene	382	J	ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH



Sample Information

Client Sample ID: SB-5 (0'-2')

York Sample ID: 14J1199-04

York Project (SDG) No.

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14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
129-00-0	Pyrene	958		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	441	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	221	875	5	EPA 8270D	11/03/2014 06:43	11/03/2014 20:38	KH
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	44.2 %			10-99						
4165-62-2	Surrogate: Phenol-d5	43.0 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	54.1 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	60.0 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	47.6 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	79.1 %			10-123						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.73	1.73	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
72-55-9	4,4'-DDE	79.1		ug/kg dry	1.73	1.73	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
50-29-3	4,4'-DDT	212		ug/kg dry	1.73	1.73	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
309-00-2	Aldrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
57-74-9	Chlordane, total	ND		ug/kg dry	69.3	69.3	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.73	1.73	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.73	1.73	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.73	1.73	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.73	1.73	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
72-20-8	Endrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.73	1.73	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.73	1.73	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.73	1.73	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.73	1.73	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW



Sample Information

Client Sample ID: SB-5 (0'-2')

York Sample ID: 14J1199-04

York Project (SDG) No.

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14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.73	1.73	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.73	1.73	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.67	8.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
8001-35-2	Toxaphene	ND		ug/kg dry	87.7	87.7	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:29	JW
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	60.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	98.8 %			30-140						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A	11/03/2014 14:07	11/05/2014 04:19	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A	11/03/2014 14:07	11/05/2014 04:19	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A	11/03/2014 14:07	11/05/2014 04:19	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A	11/03/2014 14:07	11/05/2014 04:19	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A	11/03/2014 14:07	11/05/2014 04:19	AMC
11097-69-1	Aroclor 1254	0.935		mg/kg dry	0.0175	0.0175	1	EPA 8082A	11/03/2014 14:07	11/05/2014 04:19	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A	11/03/2014 14:07	11/05/2014 04:19	AMC
1336-36-3	* Total PCBs	0.935		mg/kg dry	0.0175	0.0175	1	EPA 8082A	11/03/2014 14:07	11/05/2014 04:19	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	76.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	68.0 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5460		mg/kg dry	1.05	1.05	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.525	0.525	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC
7440-38-2	Arsenic	7.67		mg/kg dry	1.05	1.05	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC
7440-39-3	Barium	64.0		mg/kg dry	1.05	1.05	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.105	0.105	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.315	0.315	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC
7440-70-2	Calcium	60600		mg/kg dry	0.525	5.25	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC
7440-47-3	Chromium	12.8		mg/kg dry	0.525	0.525	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC
7440-48-4	Cobalt	6.51		mg/kg dry	0.525	0.525	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC
7440-50-8	Copper	21.8		mg/kg dry	0.525	0.525	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC



Sample Information

Client Sample ID: SB-5 (0'-2')

York Sample ID: 14J1199-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	13000		mg/kg dry	2.10	2.10	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC
7439-92-1	Lead	66.5		mg/kg dry	0.315	0.315	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC
7439-95-4	Magnesium	5880		mg/kg dry	5.25	5.25	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC
7439-96-5	Manganese	295		mg/kg dry	0.525	0.525	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC
7440-02-0	Nickel	22.3		mg/kg dry	0.525	0.525	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC
7440-09-7	Potassium	896		mg/kg dry	5.25	5.25	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC
7782-49-2	Selenium	4.39		mg/kg dry	1.05	1.05	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC
7440-22-4	Silver	ND		mg/kg dry	0.525	0.525	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC
7440-23-5	Sodium	123		mg/kg dry	10.5	10.5	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.05	1.05	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC
7440-62-2	Vanadium	26.8		mg/kg dry	1.05	1.05	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC
7440-66-6	Zinc	44.5		mg/kg dry	1.05	1.05	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:13	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0834		mg/kg dry	0.0315	0.0315	1	EPA 7473	11/04/2014 10:21	11/04/2014 15:00	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.2		%	0.100	0.100	1	SM 2540G	11/05/2014 09:14	11/05/2014 15:36	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.368	0.525	1	EPA 7196A	11/05/2014 07:25	11/05/2014 14:59	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	12.8		mg/kg	0.250	0.500	1	Calculation	11/05/2014 15:02	11/05/2014 17:40	PAM



Sample Information

Client Sample ID: SB-5 (13'-15')

York Sample ID: 14J1199-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
67-64-1	Acetone	100		ug/kg dry	5.2	10	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS



Sample Information

Client Sample ID: SB-5 (13'-15')

York Sample ID: 14J1199-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C	11/06/2014 08:52	11/06/2014 17:54	SS
	Surrogate Recoveries	Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %		77-125							
460-00-4	Surrogate: p-Bromofluorobenzene	86.5 %		76-130							
2037-26-5	Surrogate: Toluene-d8	99.3 %		85-120							



Sample Information

Client Sample ID: SB-5 (13'-15')

York Sample ID: 14J1199-05

<u>York Project (SDG) No.</u> 14J1199	<u>Client Project ID</u> 14-133-1270 131-32 Avery Avenue Queens NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 28, 2014 3:00 pm	<u>Date Received</u> 10/29/2014
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Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
98-86-2	Acetophenone	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
62-53-3	Aniline	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
120-12-7	Anthracene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
1912-24-9	Atrazine	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
92-87-5	Benzidine	ND		ug/kg dry	169	337	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	85.0	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
65-85-0	Benzoic acid	ND		ug/kg dry	115	337	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	85.0	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
85-68-7	Benzyl butyl phthalate	108	J	ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
105-60-2	Caprolactam	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
86-74-8	Carbazole	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	85.0	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	85.0	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
218-01-9	Chrysene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH



Sample Information

Client Sample ID: SB-5 (13'-15')

York Sample ID: 14J1199-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	169	337	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	85.0	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	85.0	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	169	337	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	85.0	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
206-44-0	Fluoranthene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
86-73-7	Fluorene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	85.0	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
78-59-1	Isophorone	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	85.0	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	85.0	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
91-20-3	Naphthalene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	85.0	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	85.0	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	85.0	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	85.0	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	85.0	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
85-01-8	Phenanthrene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH



Sample Information

Client Sample ID: SB-5 (13'-15')

York Sample ID: 14J1199-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
129-00-0	Pyrene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	85.0	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	42.5	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:48	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	70.6 %			10-99						
4165-62-2	Surrogate: Phenol-d5	68.1 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	61.4 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	77.8 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	75.5 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	126 %	S-08		10-123						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
72-55-9	4,4'-DDE	8.93		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
309-00-2	Aldrin	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
57-74-9	Chlordane, total	ND		ug/kg dry	66.8	66.8	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
72-20-8	Endrin	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW



Sample Information

Client Sample ID: SB-5 (13'-15')

York Sample ID: 14J1199-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.35	8.35	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
8001-35-2	Toxaphene	ND		ug/kg dry	84.5	84.5	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:36	JW
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	84.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	104 %			30-140						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	11/03/2014 14:07	11/05/2014 04:48	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	11/03/2014 14:07	11/05/2014 04:48	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	11/03/2014 14:07	11/05/2014 04:48	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	11/03/2014 14:07	11/05/2014 04:48	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	11/03/2014 14:07	11/05/2014 04:48	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	11/03/2014 14:07	11/05/2014 04:48	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	11/03/2014 14:07	11/05/2014 04:48	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	11/03/2014 14:07	11/05/2014 04:48	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	87.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	76.0 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4570		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.506	0.506	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC
7440-38-2	Arsenic	1.07		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC
7440-39-3	Barium	26.6		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.101	0.101	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.304	0.304	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC
7440-70-2	Calcium	706		mg/kg dry	0.506	5.06	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC
7440-47-3	Chromium	14.2		mg/kg dry	0.506	0.506	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC
7440-48-4	Cobalt	4.63		mg/kg dry	0.506	0.506	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC



Sample Information

Client Sample ID: SB-5 (13'-15')

York Sample ID: 14J1199-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	9.02		mg/kg dry	0.506	0.506	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC
7439-89-6	Iron	11100		mg/kg dry	2.02	2.02	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC
7439-92-1	Lead	3.49		mg/kg dry	0.304	0.304	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC
7439-95-4	Magnesium	1330		mg/kg dry	5.06	5.06	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC
7439-96-5	Manganese	236		mg/kg dry	0.506	0.506	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC
7440-02-0	Nickel	11.0		mg/kg dry	0.506	0.506	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC
7440-09-7	Potassium	523		mg/kg dry	5.06	5.06	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC
7782-49-2	Selenium	2.85		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC
7440-22-4	Silver	ND		mg/kg dry	0.506	0.506	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC
7440-23-5	Sodium	31.8		mg/kg dry	10.1	10.1	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC
7440-62-2	Vanadium	16.6		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC
7440-66-6	Zinc	13.9		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:18	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0304	0.0304	1	EPA 7473	11/04/2014 10:21	11/04/2014 15:33	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	98.8		%	0.100	0.100	1	SM 2540G	11/05/2014 09:14	11/05/2014 15:36	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.354	0.506	1	EPA 7196A	11/05/2014 07:25	11/05/2014 14:59	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	14.2		mg/kg	0.250	0.500	1	Calculation	11/05/2014 15:02	11/05/2014 17:40	PAM



Sample Information

Client Sample ID: SB-4 (0'-2')

York Sample ID: 14J1199-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
78-93-3	2-Butanone	19		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
108-10-1	4-Methyl-2-pentanone	4.2	J	ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
67-64-1	Acetone	240		ug/kg dry	5.9	12	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
107-02-8	Acrolein	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
71-43-2	Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK



Sample Information

Client Sample ID: SB-4 (0'-2')

York Sample ID: 14J1199-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
98-82-8	Isopropylbenzene	ND	IS-LO	ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
104-51-8	n-Butylbenzene	ND	IS-LO	ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
103-65-1	n-Propylbenzene	ND	IS-LO	ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
99-87-6	p-Isopropyltoluene	ND	IS-LO	ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
135-98-8	sec-Butylbenzene	ND	IS-LO	ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
100-42-5	Styrene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
98-06-6	tert-Butylbenzene	ND	IS-LO	ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
108-88-3	Toluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA 8260C	11/07/2014 17:26	11/08/2014 02:22	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %		77-125							
460-00-4	Surrogate: p-Bromofluorobenzene	109 %		76-130							
2037-26-5	Surrogate: Toluene-d8	121 %	S-04	85-120							



Sample Information

Client Sample ID: SB-4 (0'-2')

York Sample ID: 14J1199-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
98-86-2	Acetophenone	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
62-53-3	Aniline	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
120-12-7	Anthracene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
1912-24-9	Atrazine	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
92-87-5	Benzidine	ND		ug/kg dry	169	338	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	85.2	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
65-85-0	Benzoic acid	ND		ug/kg dry	116	338	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	85.2	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
105-60-2	Caprolactam	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
86-74-8	Carbazole	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	85.2	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	85.2	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
218-01-9	Chrysene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH



Sample Information

Client Sample ID: SB-4 (0'-2')

York Sample ID: 14J1199-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	169	338	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	85.2	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	85.2	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	169	338	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	85.2	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
206-44-0	Fluoranthene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
86-73-7	Fluorene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	85.2	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
78-59-1	Isophorone	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	85.2	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	85.2	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
91-20-3	Naphthalene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	85.2	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	85.2	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	85.2	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	85.2	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	85.2	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
85-01-8	Phenanthrene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH



Sample Information

Client Sample ID: SB-4 (0'-2')

York Sample ID: 14J1199-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
129-00-0	Pyrene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	85.2	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	42.6	169	1	EPA 8270D	11/03/2014 06:43	11/03/2014 17:21	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	59.0 %			10-99						
4165-62-2	Surrogate: Phenol-d5	65.6 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	57.2 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	70.6 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	67.2 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	108 %			10-123						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
309-00-2	Aldrin	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
57-74-9	Chlordane, total	ND		ug/kg dry	67.0	67.0	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
72-20-8	Endrin	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW



Sample Information

Client Sample ID: SB-4 (0'-2')

York Sample ID: 14J1199-06

<u>York Project (SDG) No.</u> 14J1199	<u>Client Project ID</u> 14-133-1270 131-32 Avery Avenue Queens NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 28, 2014 3:00 pm	<u>Date Received</u> 10/29/2014
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.37	8.37	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
8001-35-2	Toxaphene	ND		ug/kg dry	84.7	84.7	5	EPA 8081B	11/03/2014 14:07	11/05/2014 00:51	JW
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	86.4 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	105 %			30-140						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	11/03/2014 14:07	11/05/2014 05:17	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	11/03/2014 14:07	11/05/2014 05:17	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	11/03/2014 14:07	11/05/2014 05:17	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	11/03/2014 14:07	11/05/2014 05:17	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	11/03/2014 14:07	11/05/2014 05:17	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	11/03/2014 14:07	11/05/2014 05:17	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	11/03/2014 14:07	11/05/2014 05:17	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0169	0.0169	1	EPA 8082A	11/03/2014 14:07	11/05/2014 05:17	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	83.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	74.5 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	2960		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.507	0.507	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC
7440-38-2	Arsenic	ND		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC
7440-39-3	Barium	23.9		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.101	0.101	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.304	0.304	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC
7440-70-2	Calcium	624		mg/kg dry	0.507	5.07	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC
7440-47-3	Chromium	6.00		mg/kg dry	0.507	0.507	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC
7440-48-4	Cobalt	3.23		mg/kg dry	0.507	0.507	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC



Sample Information

Client Sample ID: SB-4 (0'-2')

York Sample ID: 14J1199-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	6.11		mg/kg dry	0.507	0.507	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC
7439-89-6	Iron	6450		mg/kg dry	2.03	2.03	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC
7439-92-1	Lead	2.43		mg/kg dry	0.304	0.304	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC
7439-95-4	Magnesium	1220		mg/kg dry	5.07	5.07	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC
7439-96-5	Manganese	232		mg/kg dry	0.507	0.507	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC
7440-02-0	Nickel	8.02		mg/kg dry	0.507	0.507	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC
7440-09-7	Potassium	483		mg/kg dry	5.07	5.07	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC
7782-49-2	Selenium	1.83		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC
7440-22-4	Silver	ND		mg/kg dry	0.507	0.507	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC
7440-23-5	Sodium	45.0		mg/kg dry	10.1	10.1	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC
7440-62-2	Vanadium	12.4		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC
7440-66-6	Zinc	12.0		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:22	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0304	0.0304	1	EPA 7473	11/04/2014 10:21	11/04/2014 15:39	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	98.6		%	0.100	0.100	1	SM 2540G	11/05/2014 09:14	11/05/2014 15:36	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.355	0.507	1	EPA 7196A	11/05/2014 07:25	11/05/2014 14:59	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	6.00		mg/kg	0.250	0.500	1	Calculation	11/05/2014 15:02	11/05/2014 17:40	PAM



Sample Information

Client Sample ID: SB-4 (15'17')

York Sample ID: 14J1199-07

<u>York Project (SDG) No.</u> 14J1199	<u>Client Project ID</u> 14-133-1270 131-32 Avery Avenue Queens NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 28, 2014 3:00 pm	<u>Date Received</u> 10/29/2014
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Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	93	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
67-64-1	Acetone	39		ug/kg dry	4.7	9.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
107-02-8	Acrolein	ND		ug/kg dry	4.7	9.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS



Sample Information

Client Sample ID: SB-4 (15'17')

York Sample ID: 14J1199-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1199

14-133-1270 131-32 Avery Avenue Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.7	9.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
127-18-4	Tetrachloroethylene	18		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
79-01-6	Trichloroethylene	4.5	J	ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.0	14	1	EPA 8260C	11/06/2014 08:52	11/06/2014 18:52	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	93.4 %	76-130								
2037-26-5	Surrogate: Toluene-d8	101 %	85-120								



Sample Information

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14-133-1270 131-32 Avery Avenue Queens NY

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Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
98-86-2	Acetophenone	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
62-53-3	Aniline	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
120-12-7	Anthracene	224	J	ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
1912-24-9	Atrazine	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
92-87-5	Benzidine	ND		ug/kg dry	869	1730	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
56-55-3	Benzo(a)anthracene	1200		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
50-32-8	Benzo(a)pyrene	832	J	ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
205-99-2	Benzo(b)fluoranthene	468	J	ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
65-85-0	Benzoic acid	ND		ug/kg dry	593	1730	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
207-08-9	Benzo(k)fluoranthene	624	J	ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
85-68-7	Benzyl butyl phthalate	225	J	ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
105-60-2	Caprolactam	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
86-74-8	Carbazole	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
218-01-9	Chrysene	1970		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH



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Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	869	1730	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	869	1730	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
206-44-0	Fluoranthene	1810		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
86-73-7	Fluorene	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
193-39-5	Indeno(1,2,3-cd)pyrene	253	J	ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
78-59-1	Isophorone	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
91-57-6	2-Methylnaphthalene	238	J	ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
91-20-3	Naphthalene	357	J	ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
85-01-8	Phenanthrene	1260		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
108-95-2	Phenol	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH



Sample Information

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14-133-1270 131-32 Avery Avenue Queens NY

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Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	4040		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	219	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 21:11	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	43.2 %			10-99						
4165-62-2	Surrogate: Phenol-d5	61.2 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	71.3 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	80.7 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	45.8 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	98.4 %			10-123						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
309-00-2	Aldrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
57-74-9	Chlordane, total	ND		ug/kg dry	68.7	68.7	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
72-20-8	Endrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW



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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.58	8.58	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
8001-35-2	Toxaphene	ND		ug/kg dry	86.9	86.9	5	EPA 8081B	11/03/2014 14:07	11/05/2014 12:44	JW
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	69.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	105 %			30-140						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	11/03/2014 14:07	11/05/2014 05:46	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	11/03/2014 14:07	11/05/2014 05:46	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	11/03/2014 14:07	11/05/2014 05:46	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	11/03/2014 14:07	11/05/2014 05:46	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	11/03/2014 14:07	11/05/2014 05:46	AMC
11097-69-1	Aroclor 1254	0.0771		mg/kg dry	0.0173	0.0173	1	EPA 8082A	11/03/2014 14:07	11/05/2014 05:46	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	11/03/2014 14:07	11/05/2014 05:46	AMC
1336-36-3	* Total PCBs	0.0771		mg/kg dry	0.0173	0.0173	1	EPA 8082A	11/03/2014 14:07	11/05/2014 05:46	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	78.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	71.5 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3220		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC
7440-36-0	Antimony	0.730		mg/kg dry	0.520	0.520	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC
7440-38-2	Arsenic	13.8		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC
7440-39-3	Barium	70.2		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.104	0.104	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.312	0.312	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC
7440-70-2	Calcium	4810		mg/kg dry	0.520	5.20	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC
7440-47-3	Chromium	12.4		mg/kg dry	0.520	0.520	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC
7440-48-4	Cobalt	10.3		mg/kg dry	0.520	0.520	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC
7440-50-8	Copper	44.4		mg/kg dry	0.520	0.520	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC
7439-89-6	Iron	12200		mg/kg dry	2.08	2.08	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC



Sample Information

Client Sample ID: SB-4 (15'17')

York Sample ID: 14J1199-07

York Project (SDG) No. 14J1199 **Client Project ID** 14-133-1270 131-32 Avery Avenue Queens NY **Matrix** Soil **Collection Date/Time** October 28, 2014 3:00 pm **Date Received** 10/29/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	99.2		mg/kg dry	0.312	0.312	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC
7439-95-4	Magnesium	878		mg/kg dry	5.20	5.20	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC
7439-96-5	Manganese	73.8		mg/kg dry	0.520	0.520	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC
7440-02-0	Nickel	45.3		mg/kg dry	0.520	0.520	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC
7440-09-7	Potassium	513		mg/kg dry	5.20	5.20	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC
7782-49-2	Selenium	3.16		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC
7440-22-4	Silver	ND		mg/kg dry	0.520	0.520	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC
7440-23-5	Sodium	252		mg/kg dry	10.4	10.4	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC
7440-62-2	Vanadium	30.3		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC
7440-66-6	Zinc	20.7		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 21:27	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0827		mg/kg dry	0.0312	0.0312	1	EPA 7473	11/04/2014 10:21	11/04/2014 15:44	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.1		%	0.100	0.100	1	SM 2540G	11/05/2014 09:14	11/05/2014 15:36	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	1.43		mg/kg dry	0.364	0.520	1	EPA 7196A	11/05/2014 07:25	11/05/2014 14:59	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	11.0		mg/kg	0.250	0.500	1	Calculation	11/05/2014 15:02	11/05/2014 17:40	PAM



Analytical Batch Summary

Batch ID: BK40015 **Preparation Method:** EPA 3550C **Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
14J1199-01	SB-3 (0'-2')	11/03/14
14J1199-02	SB-3 (4'-6')	11/03/14
14J1199-03	SB-3 (15'-17')	11/03/14
14J1199-04	SB-5 (0'-2')	11/03/14
14J1199-05	SB-5 (13'-15')	11/03/14
14J1199-06	SB-4 (0'-2')	11/03/14
14J1199-07	SB-4 (15'17')	11/03/14
BK40015-BLK1	Blank	11/03/14
BK40015-BS1	LCS	11/03/14
BK40015-BSD1	LCS Dup	11/03/14

Batch ID: BK40049 **Preparation Method:** EPA 3550C **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14J1199-01	SB-3 (0'-2')	11/03/14
14J1199-01	SB-3 (0'-2')	11/03/14
14J1199-02	SB-3 (4'-6')	11/03/14
14J1199-02	SB-3 (4'-6')	11/03/14
14J1199-03	SB-3 (15'-17')	11/03/14
14J1199-03	SB-3 (15'-17')	11/03/14
14J1199-04	SB-5 (0'-2')	11/03/14
14J1199-04	SB-5 (0'-2')	11/03/14
14J1199-05	SB-5 (13'-15')	11/03/14
14J1199-05	SB-5 (13'-15')	11/03/14
14J1199-06	SB-4 (0'-2')	11/03/14
14J1199-06	SB-4 (0'-2')	11/03/14
14J1199-07	SB-4 (15'17')	11/03/14
14J1199-07	SB-4 (15'17')	11/03/14
BK40049-BLK1	Blank	11/03/14
BK40049-BLK1	Blank	11/03/14
BK40049-BS1	LCS	11/03/14
BK40049-BS2	LCS	11/03/14
BK40049-BSD1	LCS Dup	11/03/14
BK40049-BSD2	LCS Dup	11/03/14

Batch ID: BK40063 **Preparation Method:** EPA 3050B **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
14J1199-01	SB-3 (0'-2')	11/03/14
14J1199-02	SB-3 (4'-6')	11/03/14
14J1199-03	SB-3 (15'-17')	11/03/14
14J1199-04	SB-5 (0'-2')	11/03/14
14J1199-05	SB-5 (13'-15')	11/03/14
14J1199-06	SB-4 (0'-2')	11/03/14
14J1199-07	SB-4 (15'17')	11/03/14



BK40063-BLK1 Blank 11/03/14
BK40063-SRM1 Reference 11/03/14

Batch ID: BK40098 **Preparation Method:** EPA 7473 soil **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14J1199-01	SB-3 (0'-2')	11/04/14
14J1199-02	SB-3 (4'-6')	11/04/14
14J1199-03	SB-3 (15'-17')	11/04/14
14J1199-04	SB-5 (0'-2')	11/04/14
14J1199-05	SB-5 (13'-15')	11/04/14
14J1199-06	SB-4 (0'-2')	11/04/14
14J1199-07	SB-4 (15'17')	11/04/14
BK40098-BLK1	Blank	11/04/14
BK40098-SRM1	Reference	11/04/14

Batch ID: BK40140 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

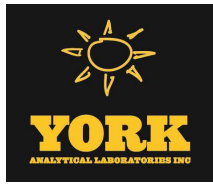
YORK Sample ID	Client Sample ID	Preparation Date
14J1199-01	SB-3 (0'-2')	11/05/14
14J1199-02	SB-3 (4'-6')	11/05/14
14J1199-03	SB-3 (15'-17')	11/05/14
14J1199-04	SB-5 (0'-2')	11/05/14
14J1199-05	SB-5 (13'-15')	11/05/14
14J1199-06	SB-4 (0'-2')	11/05/14
14J1199-07	SB-4 (15'17')	11/05/14
BK40140-BLK1	Blank	11/05/14
BK40140-SRM1	Reference	11/05/14

Batch ID: BK40152 **Preparation Method:** % Solids Prep **Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
14J1199-01	SB-3 (0'-2')	11/05/14
14J1199-02	SB-3 (4'-6')	11/05/14
14J1199-03	SB-3 (15'-17')	11/05/14
14J1199-04	SB-5 (0'-2')	11/05/14
14J1199-05	SB-5 (13'-15')	11/05/14
14J1199-06	SB-4 (0'-2')	11/05/14
14J1199-07	SB-4 (15'17')	11/05/14

Batch ID: BK40174 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14J1199-01	SB-3 (0'-2')	11/05/14
14J1199-02	SB-3 (4'-6')	11/05/14
14J1199-03	SB-3 (15'-17')	11/05/14
14J1199-04	SB-5 (0'-2')	11/05/14
14J1199-05	SB-5 (13'-15')	11/05/14
14J1199-06	SB-4 (0'-2')	11/05/14



14J1199-07

SB-4 (15'17')

11/05/14

Batch ID: BK40227

Preparation Method: EPA 5035A

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
14J1199-03	SB-3 (15'-17')	11/06/14
14J1199-04	SB-5 (0'-2')	11/06/14
14J1199-05	SB-5 (13'-15')	11/06/14
14J1199-07	SB-4 (15'17')	11/06/14
BK40227-BLK1	Blank	11/06/14
BK40227-BS1	LCS	11/06/14
BK40227-BSD1	LCS Dup	11/06/14

Batch ID: BK40245

Preparation Method: EPA 5035A

Prepared By: BGS

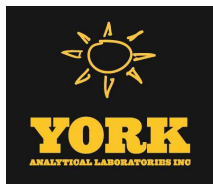
YORK Sample ID	Client Sample ID	Preparation Date
14J1199-01	SB-3 (0'-2')	11/06/14
14J1199-02	SB-3 (4'-6')	11/06/14
BK40245-BLK1	Blank	11/06/14
BK40245-BS1	LCS	11/06/14
BK40245-BSD1	LCS Dup	11/06/14

Batch ID: BK40337

Preparation Method: EPA 5035A

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
14J1199-06	SB-4 (0'-2')	11/07/14
BK40337-BLK1	Blank	11/07/14
BK40337-BS1	LCS	11/07/14
BK40337-BSD1	LCS Dup	11/07/14



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40227 - EPA 5035A

Blank (BK40227-BLK1)

Prepared & Analyzed: 11/06/2014

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	2.9	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40227 - EPA 5035A

Blank (BK40227-BLK1)

Prepared & Analyzed: 11/06/2014

Styrene	ND	5.0	ug/kg wet								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								

Surrogate: 1,2-Dichloroethane-d4	52.8		ug/L	50.0		106	77-125				
Surrogate: p-Bromofluorobenzene	48.3		"	50.0		96.6	76-130				
Surrogate: Toluene-d8	51.4		"	50.0		103	85-120				

LCS (BK40227-BS1)

Prepared & Analyzed: 11/06/2014

1,1,1,2-Tetrachloroethane	53		ug/L	50.0		106	75-129				
1,1,1-Trichloroethane	50		"	50.0		100	71-137				
1,1,2,2-Tetrachloroethane	52		"	50.0		103	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		103	58-146				
1,1,2-Trichloroethane	53		"	50.0		106	83-123				
1,1-Dichloroethane	51		"	50.0		102	75-130				
1,1-Dichloroethylene	53		"	50.0		106	64-137				
1,2,4-Trichlorobenzene	54		"	50.0		109	80-141				
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125				
1,2-Dibromo-3-chloropropane	52		"	50.0		105	74-142				
1,2-Dibromoethane	53		"	50.0		106	86-123				
1,2-Dichlorobenzene	52		"	50.0		105	85-122				
1,2-Dichloroethane	51		"	50.0		103	71-133				
1,2-Dichloropropane	52		"	50.0		105	81-122				
1,3,5-Trimethylbenzene	52		"	50.0		103	82-126				
1,3-Dichlorobenzene	52		"	50.0		104	84-124				
1,4-Dichlorobenzene	51		"	50.0		102	84-124				
1,4-Dioxane	1000		"	1000		103	10-228				
2-Butanone	65		"	50.0		129	58-147				
2-Hexanone	60		"	50.0		119	70-139				
4-Methyl-2-pentanone	48		"	50.0		95.6	72-132				
Acetone	86		"	50.0		171	36-155	High Bias			
Acrolein	46		"	50.0		92.2	10-238				
Acrylonitrile	52		"	50.0		105	66-141				
Benzene	54		"	50.0		107	77-127				
Bromodichloromethane	53		"	50.0		106	81-124				
Bromoform	53		"	50.0		105	80-136				
Bromomethane	33		"	50.0		66.4	32-177				
Carbon disulfide	52		"	50.0		104	10-136				
Carbon tetrachloride	53		"	50.0		106	66-143				
Chlorobenzene	54		"	50.0		108	86-120				
Chloroethane	47		"	50.0		93.1	51-142				
Chloroform	50		"	50.0		99.6	76-131				
Chloromethane	46		"	50.0		92.6	49-132				
cis-1,2-Dichloroethylene	54		"	50.0		108	74-132				
cis-1,3-Dichloropropylene	53		"	50.0		107	81-129				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

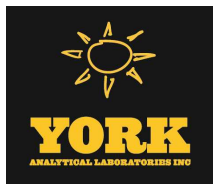
Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BK40227 - EPA 5035A

LCS (BK40227-BS1)

Prepared & Analyzed: 11/06/2014

Dibromochloromethane	54		ug/L	50.0		107		10-200					
Dibromomethane	53		"	50.0		106		83-124					
Dichlorodifluoromethane	48		"	50.0		96.6		28-158					
Ethyl Benzene	51		"	50.0		103		84-125					
Hexachlorobutadiene	51		"	50.0		101		83-133					
Isopropylbenzene	49		"	50.0		98.1		81-127					
Methyl acetate	49		"	50.0		97.7		41-143					
Methyl tert-butyl ether (MTBE)	51		"	50.0		101		74-131					
Methylene chloride	55		"	50.0		110		57-141					
n-Butylbenzene	53		"	50.0		105		80-130					
n-Propylbenzene	52		"	50.0		104		74-136					
o-Xylene	54		"	50.0		107		83-123					
p- & m- Xylenes	110		"	100		106		82-128					
p-Isopropyltoluene	51		"	50.0		103		85-125					
sec-Butylbenzene	48		"	50.0		96.7		83-125					
Styrene	54		"	50.0		108		86-126					
tert-Butyl alcohol (TBA)	48		"	50.0		96.4		70-130					
tert-Butylbenzene	47		"	50.0		94.3		80-127					
Tetrachloroethylene	57		"	50.0		114		80-129					
Toluene	51		"	50.0		103		85-121					
trans-1,2-Dichloroethylene	52		"	50.0		104		72-132					
trans-1,3-Dichloropropylene	52		"	50.0		103		78-132					
Trichloroethylene	54		"	50.0		109		84-123					
Trichlorofluoromethane	49		"	50.0		98.7		62-140					
Vinyl Chloride	50		"	50.0		99.2		52-130					
Surrogate: 1,2-Dichloroethane-d4	48.8		"	50.0		97.6		77-125					
Surrogate: p-Bromofluorobenzene	45.8		"	50.0		91.7		76-130					
Surrogate: Toluene-d8	49.5		"	50.0		99.0		85-120					



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
Batch BK40227 - EPA 5035A										
LCS Dup (BK40227-BSD1)										
Prepared & Analyzed: 11/06/2014										
1,1,1,2-Tetrachloroethane	56		ug/L	50.0	112	75-129			5.09	30
1,1,1-Trichloroethane	56		"	50.0	113	71-137			11.6	30
1,1,2,2-Tetrachloroethane	54		"	50.0	109	79-129			5.26	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0	113	58-146			9.42	30
1,1,2-Trichloroethane	55		"	50.0	109	83-123			3.33	30
1,1-Dichloroethane	59		"	50.0	118	75-130			14.2	30
1,1-Dichloroethylene	58		"	50.0	117	64-137			9.81	30
1,2,4-Trichlorobenzene	57		"	50.0	113	80-141			3.82	30
1,2,4-Trimethylbenzene	53		"	50.0	106	84-125			4.36	30
1,2-Dibromo-3-chloropropane	52		"	50.0	104	74-142			0.191	30
1,2-Dibromoethane	56		"	50.0	113	86-123			6.35	30
1,2-Dichlorobenzene	56		"	50.0	113	85-122			7.43	30
1,2-Dichloroethane	55		"	50.0	110	71-133			6.19	30
1,2-Dichloropropane	60		"	50.0	119	81-122			12.6	30
1,3,5-Trimethylbenzene	56		"	50.0	112	82-126			8.18	30
1,3-Dichlorobenzene	56		"	50.0	112	84-124			8.04	30
1,4-Dichlorobenzene	53		"	50.0	106	84-124			4.66	30
1,4-Dioxane	1000		"	1000	104	10-228			0.567	30
2-Butanone	59		"	50.0	118	58-147			8.84	30
2-Hexanone	57		"	50.0	114	70-139			4.79	30
4-Methyl-2-pentanone	50		"	50.0	99.8	72-132			4.28	30
Acetone	71		"	50.0	141	36-155			19.2	30
Acrolein	50		"	50.0	99.8	10-238			7.92	30
Acrylonitrile	57		"	50.0	113	66-141			7.55	30
Benzene	56		"	50.0	111	77-127			3.76	30
Bromodichloromethane	57		"	50.0	114	81-124			7.09	30
Bromoform	53		"	50.0	105	80-136			0.171	30
Bromomethane	39		"	50.0	77.7	32-177			15.7	30
Carbon disulfide	58		"	50.0	117	10-136			11.8	30
Carbon tetrachloride	57		"	50.0	113	66-143			6.95	30
Chlorobenzene	59		"	50.0	119	86-120			8.97	30
Chloroethane	55		"	50.0	110	51-142			16.3	30
Chloroform	56		"	50.0	112	76-131			11.7	30
Chloromethane	53		"	50.0	105	49-132			12.5	30
cis-1,2-Dichloroethylene	57		"	50.0	113	74-132			4.96	30
cis-1,3-Dichloropropylene	58		"	50.0	116	81-129			8.37	30
Dibromochloromethane	58		"	50.0	116	10-200			7.74	30
Dibromomethane	57		"	50.0	114	83-124			7.68	30
Dichlorodifluoromethane	54		"	50.0	108	28-158			10.9	30
Ethyl Benzene	55		"	50.0	111	84-125			7.50	30
Hexachlorobutadiene	56		"	50.0	113	83-133			11.0	30
Isopropylbenzene	53		"	50.0	107	81-127			8.36	30
Methyl acetate	50		"	50.0	100	41-143			2.35	30
Methyl tert-butyl ether (MTBE)	57		"	50.0	114	74-131			11.6	30
Methylene chloride	57		"	50.0	114	57-141			3.76	30
n-Butylbenzene	56		"	50.0	112	80-130			6.38	30
n-Propylbenzene	58		"	50.0	116	74-136			10.3	30
o-Xylene	59		"	50.0	118	83-123			9.52	30
p- & m- Xylenes	110		"	100	114	82-128			6.79	30
p-Isopropyltoluene	56		"	50.0	113	85-125			9.35	30
sec-Butylbenzene	55		"	50.0	110	83-125			12.7	30



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40227 - EPA 5035A

LCS Dup (BK40227-BSD1)

Prepared & Analyzed: 11/06/2014

Styrene	59		ug/L	50.0		118	86-126		8.50	30	
tert-Butyl alcohol (TBA)	49		"	50.0		98.4	70-130		2.11	30	
tert-Butylbenzene	56		"	50.0		112	80-127		16.9	30	
Tetrachloroethylene	51		"	50.0		102	80-129		10.9	30	
Toluene	58		"	50.0		116	85-121		11.5	30	
trans-1,2-Dichloroethylene	59		"	50.0		118	72-132		12.7	30	
trans-1,3-Dichloropropylene	57		"	50.0		114	78-132		10.4	30	
Trichloroethylene	59		"	50.0		118	84-123		8.12	30	
Trichlorofluoromethane	53		"	50.0		106	62-140		6.85	30	
Vinyl Chloride	54		"	50.0		108	52-130		8.11	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.2</i>		<i>"</i>	<i>50.0</i>		<i>100</i>	<i>77-125</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>48.6</i>		<i>"</i>	<i>50.0</i>		<i>97.3</i>	<i>76-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>54.4</i>		<i>"</i>	<i>50.0</i>		<i>109</i>	<i>85-120</i>				

Batch BK40245 - EPA 5035A

Blank (BK40245-BLK1)

Prepared & Analyzed: 11/06/2014

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK40245 - EPA 5035A

Blank (BK40245-BLK1)

Prepared & Analyzed: 11/06/2014

cis-1,3-Dichloropropylene	ND	5.0	ug/kg wet								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>44.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>88.0</i>		<i>77-125</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>47.7</i>		<i>"</i>	<i>50.0</i>		<i>95.4</i>		<i>76-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>54.2</i>		<i>"</i>	<i>50.0</i>		<i>108</i>		<i>85-120</i>			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40245 - EPA 5035A

LCS (BK40245-BS1)

Prepared & Analyzed: 11/06/2014

1,1,1,2-Tetrachloroethane	59		ug/L	50.0		118	75-129				
1,1,1-Trichloroethane	48		"	50.0		95.4	71-137				
1,1,2,2-Tetrachloroethane	64		"	50.0		127	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47		"	50.0		93.2	58-146				
1,1,2-Trichloroethane	59		"	50.0		117	83-123				
1,1-Dichloroethane	47		"	50.0		93.0	75-130				
1,1-Dichloroethylene	47		"	50.0		93.5	64-137				
1,2,4-Trichlorobenzene	70		"	50.0		141	80-141				
1,2,4-Trimethylbenzene	61		"	50.0		121	84-125				
1,2-Dibromo-3-chloropropane	67		"	50.0		133	74-142				
1,2-Dibromoethane	59		"	50.0		118	86-123				
1,2-Dichlorobenzene	64		"	50.0		128	85-122	High Bias			
1,2-Dichloroethane	45		"	50.0		90.5	71-133				
1,2-Dichloropropane	58		"	50.0		116	81-122				
1,3,5-Trimethylbenzene	61		"	50.0		122	82-126				
1,3-Dichlorobenzene	63		"	50.0		126	84-124	High Bias			
1,4-Dichlorobenzene	63		"	50.0		127	84-124	High Bias			
1,4-Dioxane	1400		"	1000		139	10-228				
2-Butanone	55		"	50.0		109	58-147				
2-Hexanone	66		"	50.0		132	70-139				
4-Methyl-2-pentanone	64		"	50.0		128	72-132				
Acetone	50		"	50.0		101	36-155				
Acrolein	38		"	50.0		75.5	10-238				
Acrylonitrile	54		"	50.0		109	66-141				
Benzene	50		"	50.0		100	77-127				
Bromodichloromethane	57		"	50.0		113	81-124				
Bromoform	64		"	50.0		129	80-136				
Bromomethane	47		"	50.0		93.1	32-177				
Carbon disulfide	50		"	50.0		99.7	10-136				
Carbon tetrachloride	47		"	50.0		93.4	66-143				
Chlorobenzene	58		"	50.0		116	86-120				
Chloroethane	48		"	50.0		96.3	51-142				
Chloroform	50		"	50.0		99.3	76-131				
Chloromethane	43		"	50.0		85.5	49-132				
cis-1,2-Dichloroethylene	48		"	50.0		95.1	74-132				
cis-1,3-Dichloropropylene	58		"	50.0		116	81-129				
Dibromochloromethane	59		"	50.0		117	10-200				
Dibromomethane	56		"	50.0		112	83-124				
Dichlorodifluoromethane	40		"	50.0		80.9	28-158				
Ethyl Benzene	57		"	50.0		113	84-125				
Hexachlorobutadiene	60		"	50.0		120	83-133				
Isopropylbenzene	61		"	50.0		122	81-127				
Methyl acetate	50		"	50.0		100	41-143				
Methyl tert-butyl ether (MTBE)	48		"	50.0		96.9	74-131				
Methylene chloride	44		"	50.0		88.0	57-141				
n-Butylbenzene	62		"	50.0		123	80-130				
n-Propylbenzene	61		"	50.0		122	74-136				
o-Xylene	56		"	50.0		111	83-123				
p- & m- Xylenes	110		"	100		110	82-128				
p-Isopropyltoluene	62		"	50.0		124	85-125				
sec-Butylbenzene	62		"	50.0		124	83-125				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40245 - EPA 5035A

LCS (BK40245-BS1)

Prepared & Analyzed: 11/06/2014

Styrene	58		ug/L	50.0		117	86-126				
tert-Butyl alcohol (TBA)	49		"	50.0		98.9	70-130				
tert-Butylbenzene	62		"	50.0		124	80-127				
Tetrachloroethylene	59		"	50.0		119	80-129				
Toluene	58		"	50.0		115	85-121				
trans-1,2-Dichloroethylene	47		"	50.0		93.4	72-132				
trans-1,3-Dichloropropylene	59		"	50.0		117	78-132				
Trichloroethylene	56		"	50.0		112	84-123				
Trichlorofluoromethane	44		"	50.0		87.6	62-140				
Vinyl Chloride	46		"	50.0		91.6	52-130				
Surrogate: 1,2-Dichloroethane-d4	46.1		"	50.0		92.3	77-125				
Surrogate: p-Bromofluorobenzene	50.8		"	50.0		102	76-130				
Surrogate: Toluene-d8	55.7		"	50.0		111	85-120				

LCS Dup (BK40245-BSD1)

Prepared & Analyzed: 11/06/2014

1,1,1,2-Tetrachloroethane	59		ug/L	50.0		118	75-129		0.322	30	
1,1,1-Trichloroethane	47		"	50.0		93.1	71-137		2.46	30	
1,1,2,2-Tetrachloroethane	60		"	50.0		120	79-129		5.59	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46		"	50.0		92.7	58-146		0.559	30	
1,1,2-Trichloroethane	59		"	50.0		118	83-123		0.781	30	
1,1-Dichloroethane	47		"	50.0		93.1	75-130		0.0215	30	
1,1-Dichloroethylene	46		"	50.0		92.7	64-137		0.924	30	
1,2,4-Trichlorobenzene	65		"	50.0		129	80-141		8.46	30	
1,2,4-Trimethylbenzene	58		"	50.0		117	84-125		3.92	30	
1,2-Dibromo-3-chloropropane	62		"	50.0		123	74-142		7.95	30	
1,2-Dibromoethane	59		"	50.0		117	86-123		0.272	30	
1,2-Dichlorobenzene	62		"	50.0		125	85-122	High Bias	2.86	30	
1,2-Dichloroethane	44		"	50.0		87.9	71-133		2.91	30	
1,2-Dichloropropane	59		"	50.0		117	81-122		1.43	30	
1,3,5-Trimethylbenzene	60		"	50.0		120	82-126		2.12	30	
1,3-Dichlorobenzene	62		"	50.0		124	84-124		1.64	30	
1,4-Dichlorobenzene	62		"	50.0		123	84-124		2.58	30	
1,4-Dioxane	1300		"	1000		126	10-228		9.57	30	
2-Butanone	60		"	50.0		120	58-147		9.43	30	
2-Hexanone	62		"	50.0		124	70-139		5.52	30	
4-Methyl-2-pentanone	62		"	50.0		124	72-132		3.36	30	
Acetone	50		"	50.0		99.9	36-155		0.937	30	
Acrolein	32		"	50.0		65.0	10-238		15.0	30	
Acrylonitrile	52		"	50.0		104	66-141		4.33	30	
Benzene	49		"	50.0		97.6	77-127		2.53	30	
Bromodichloromethane	56		"	50.0		112	81-124		0.764	30	
Bromoform	60		"	50.0		120	80-136		7.31	30	
Bromomethane	50		"	50.0		99.2	32-177		6.35	30	
Carbon disulfide	50		"	50.0		101	10-136		1.12	30	
Carbon tetrachloride	47		"	50.0		93.7	66-143		0.363	30	
Chlorobenzene	59		"	50.0		118	86-120		1.81	30	
Chloroethane	49		"	50.0		98.0	51-142		1.81	30	
Chloroform	50		"	50.0		99.1	76-131		0.141	30	
Chloromethane	45		"	50.0		89.1	49-132		4.17	30	
cis-1,2-Dichloroethylene	48		"	50.0		96.3	74-132		1.23	30	
cis-1,3-Dichloropropylene	58		"	50.0		116	81-129		0.759	30	
Dibromochloromethane	58		"	50.0		116	10-200		1.10	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40245 - EPA 5035A

LCS Dup (BK40245-BSD1)

Prepared & Analyzed: 11/06/2014

Dibromomethane	57		ug/L	50.0		113	83-124		0.977	30	
Dichlorodifluoromethane	40		"	50.0		80.1	28-158		0.919	30	
Ethyl Benzene	58		"	50.0		115	84-125		1.70	30	
Hexachlorobutadiene	57		"	50.0		114	83-133		5.12	30	
Isopropylbenzene	60		"	50.0		121	81-127		1.22	30	
Methyl acetate	48		"	50.0		95.9	41-143		4.48	30	
Methyl tert-butyl ether (MTBE)	47		"	50.0		94.7	74-131		2.27	30	
Methylene chloride	44		"	50.0		87.6	57-141		0.456	30	
n-Butylbenzene	60		"	50.0		120	80-130		2.96	30	
n-Propylbenzene	60		"	50.0		119	74-136		1.71	30	
o-Xylene	56		"	50.0		111	83-123		0.0359	30	
p- & m- Xylenes	110		"	100		111	82-128		0.868	30	
p-Isopropyltoluene	60		"	50.0		121	85-125		2.71	30	
sec-Butylbenzene	60		"	50.0		119	83-125		3.54	30	
Styrene	59		"	50.0		119	86-126		1.66	30	
tert-Butyl alcohol (TBA)	49		"	50.0		97.4	70-130		1.61	30	
tert-Butylbenzene	59		"	50.0		119	80-127		4.28	30	
Tetrachloroethylene	62		"	50.0		124	80-129		4.13	30	
Toluene	58		"	50.0		116	85-121		0.0346	30	
trans-1,2-Dichloroethylene	47		"	50.0		94.1	72-132		0.704	30	
trans-1,3-Dichloropropylene	57		"	50.0		114	78-132		2.79	30	
Trichloroethylene	56		"	50.0		112	84-123		0.179	30	
Trichlorofluoromethane	43		"	50.0		86.7	62-140		1.03	30	
Vinyl Chloride	49		"	50.0		97.6	52-130		6.41	30	
Surrogate: 1,2-Dichloroethane-d4	43.9		"	50.0		87.7	77-125				
Surrogate: p-Bromofluorobenzene	49.4		"	50.0		98.7	76-130				
Surrogate: Toluene-d8	55.0		"	50.0		110	85-120				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK40337 - EPA 5035A

Blank (BK40337-BLK1)

Prepared: 11/07/2014 Analyzed: 11/08/2014

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK40337 - EPA 5035A

Blank (BK40337-BLK1)

Prepared: 11/07/2014 Analyzed: 11/08/2014

Styrene	ND	5.0	ug/kg wet								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								

<i>Surrogate: 1,2-Dichloroethane-d4</i>	47.4		ug/L	50.0	94.8	77-125
<i>Surrogate: p-Bromofluorobenzene</i>	46.3		"	50.0	92.5	76-130
<i>Surrogate: Toluene-d8</i>	51.8		"	50.0	104	85-120

LCS (BK40337-BS1)

Prepared: 11/07/2014 Analyzed: 11/08/2014

1,1,1,2-Tetrachloroethane	51		ug/L	50.0	102	75-129
1,1,1-Trichloroethane	52		"	50.0	103	71-137
1,1,2,2-Tetrachloroethane	51		"	50.0	102	79-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0	97.8	58-146
1,1,2-Trichloroethane	52		"	50.0	104	83-123
1,1-Dichloroethane	48		"	50.0	96.7	75-130
1,1-Dichloroethylene	49		"	50.0	98.9	64-137
1,2,4-Trichlorobenzene	45		"	50.0	89.1	80-141
1,2,4-Trimethylbenzene	48		"	50.0	95.4	84-125
1,2-Dibromo-3-chloropropane	54		"	50.0	107	74-142
1,2-Dibromoethane	52		"	50.0	103	86-123
1,2-Dichlorobenzene	48		"	50.0	96.8	85-122
1,2-Dichloroethane	52		"	50.0	104	71-133
1,2-Dichloropropane	53		"	50.0	106	81-122
1,3,5-Trimethylbenzene	49		"	50.0	98.7	82-126
1,3-Dichlorobenzene	47		"	50.0	93.8	84-124
1,4-Dichlorobenzene	48		"	50.0	96.8	84-124
1,4-Dioxane	1300		"	1000	127	10-228
2-Butanone	49		"	50.0	97.8	58-147
2-Hexanone	53		"	50.0	106	70-139
4-Methyl-2-pentanone	53		"	50.0	105	72-132
Acetone	46		"	50.0	91.4	36-155
Acrolein	33		"	50.0	67.0	10-238
Acrylonitrile	53		"	50.0	106	66-141
Benzene	52		"	50.0	104	77-127
Bromodichloromethane	51		"	50.0	102	81-124
Bromoform	51		"	50.0	101	80-136
Bromomethane	50		"	50.0	99.5	32-177
Carbon disulfide	48		"	50.0	96.3	10-136
Carbon tetrachloride	51		"	50.0	102	66-143
Chlorobenzene	51		"	50.0	103	86-120
Chloroethane	46		"	50.0	91.6	51-142
Chloroform	51		"	50.0	102	76-131
Chloromethane	45		"	50.0	89.2	49-132
cis-1,2-Dichloroethylene	55		"	50.0	110	74-132
cis-1,3-Dichloropropylene	50		"	50.0	101	81-129



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK40337 - EPA 5035A

LCS (BK40337-BS1)

Prepared: 11/07/2014 Analyzed: 11/08/2014

Dibromochloromethane	53		ug/L	50.0		105	10-200				
Dibromomethane	53		"	50.0		107	83-124				
Dichlorodifluoromethane	38		"	50.0		75.3	28-158				
Ethyl Benzene	51		"	50.0		103	84-125				
Hexachlorobutadiene	48		"	50.0		96.0	83-133				
Isopropylbenzene	51		"	50.0		102	81-127				
Methyl acetate	43		"	50.0		86.5	41-143				
Methyl tert-butyl ether (MTBE)	52		"	50.0		104	74-131				
Methylene chloride	50		"	50.0		99.3	57-141				
n-Butylbenzene	46		"	50.0		93.0	80-130				
n-Propylbenzene	50		"	50.0		101	74-136				
o-Xylene	51		"	50.0		102	83-123				
p- & m- Xylenes	97		"	100		96.8	82-128				
p-Isopropyltoluene	48		"	50.0		95.3	85-125				
sec-Butylbenzene	50		"	50.0		101	83-125				
Styrene	49		"	50.0		99.0	86-126				
tert-Butyl alcohol (TBA)	81		"	50.0		163	70-130	High Bias			
tert-Butylbenzene	50		"	50.0		100	80-127				
Tetrachloroethylene	51		"	50.0		103	80-129				
Toluene	51		"	50.0		101	85-121				
trans-1,2-Dichloroethylene	49		"	50.0		98.9	72-132				
trans-1,3-Dichloropropylene	51		"	50.0		101	78-132				
Trichloroethylene	50		"	50.0		99.4	84-123				
Trichlorofluoromethane	48		"	50.0		95.2	62-140				
Vinyl Chloride	42		"	50.0		84.4	52-130				
Surrogate: 1,2-Dichloroethane-d4	49.2		"	50.0		98.4	77-125				
Surrogate: p-Bromofluorobenzene	50.7		"	50.0		101	76-130				
Surrogate: Toluene-d8	50.3		"	50.0		101	85-120				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
Batch BK40337 - EPA 5035A										
LCS Dup (BK40337-BSD1)										
Prepared: 11/07/2014 Analyzed: 11/08/2014										
1,1,1,2-Tetrachloroethane	50		ug/L	50.0	99.4	99.4	75-129		2.27	30
1,1,1-Trichloroethane	50		"	50.0	100	100	71-137		2.79	30
1,1,2,2-Tetrachloroethane	49		"	50.0	97.6	97.6	79-129		4.76	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46		"	50.0	92.6	92.6	58-146		5.50	30
1,1,2-Trichloroethane	49		"	50.0	98.8	98.8	83-123		4.99	30
1,1-Dichloroethane	47		"	50.0	94.1	94.1	75-130		2.73	30
1,1-Dichloroethylene	46		"	50.0	92.7	92.7	64-137		6.53	30
1,2,4-Trichlorobenzene	43		"	50.0	87.0	87.0	80-141		2.45	30
1,2,4-Trimethylbenzene	46		"	50.0	91.0	91.0	84-125		4.70	30
1,2-Dibromo-3-chloropropane	50		"	50.0	101	101	74-142		6.15	30
1,2-Dibromoethane	51		"	50.0	102	102	86-123		1.24	30
1,2-Dichlorobenzene	48		"	50.0	95.7	95.7	85-122		1.18	30
1,2-Dichloroethane	50		"	50.0	99.9	99.9	71-133		4.37	30
1,2-Dichloropropane	50		"	50.0	101	101	81-122		5.60	30
1,3,5-Trimethylbenzene	46		"	50.0	92.5	92.5	82-126		6.44	30
1,3-Dichlorobenzene	48		"	50.0	95.2	95.2	84-124		1.48	30
1,4-Dichlorobenzene	47		"	50.0	93.4	93.4	84-124		3.60	30
1,4-Dioxane	1200		"	1000	124	124	10-228		2.03	30
2-Butanone	48		"	50.0	96.7	96.7	58-147		1.19	30
2-Hexanone	50		"	50.0	99.6	99.6	70-139		5.85	30
4-Methyl-2-pentanone	51		"	50.0	102	102	72-132		3.40	30
Acetone	43		"	50.0	85.5	85.5	36-155		6.67	30
Acrolein	31		"	50.0	61.1	61.1	10-238		9.12	30
Acrylonitrile	50		"	50.0	99.7	99.7	66-141		6.16	30
Benzene	48		"	50.0	97.0	97.0	77-127		6.97	30
Bromodichloromethane	52		"	50.0	104	104	81-124		1.84	30
Bromoform	47		"	50.0	94.4	94.4	80-136		6.95	30
Bromomethane	48		"	50.0	96.3	96.3	32-177		3.31	30
Carbon disulfide	47		"	50.0	94.7	94.7	10-136		1.74	30
Carbon tetrachloride	47		"	50.0	94.8	94.8	66-143		7.81	30
Chlorobenzene	50		"	50.0	101	101	86-120		1.94	30
Chloroethane	43		"	50.0	85.8	85.8	51-142		6.54	30
Chloroform	49		"	50.0	97.0	97.0	76-131		4.49	30
Chloromethane	42		"	50.0	84.0	84.0	49-132		6.05	30
cis-1,2-Dichloroethylene	55		"	50.0	109	109	74-132		0.548	30
cis-1,3-Dichloropropylene	49		"	50.0	98.5	98.5	81-129		2.21	30
Dibromochloromethane	50		"	50.0	99.8	99.8	10-200		5.36	30
Dibromomethane	50		"	50.0	101	101	83-124		5.55	30
Dichlorodifluoromethane	38		"	50.0	75.3	75.3	28-158		0.0266	30
Ethyl Benzene	50		"	50.0	99.1	99.1	84-125		3.82	30
Hexachlorobutadiene	45		"	50.0	89.7	89.7	83-133		6.76	30
Isopropylbenzene	47		"	50.0	94.6	94.6	81-127		7.29	30
Methyl acetate	42		"	50.0	84.1	84.1	41-143		2.72	30
Methyl tert-butyl ether (MTBE)	50		"	50.0	99.8	99.8	74-131		4.54	30
Methylene chloride	48		"	50.0	96.6	96.6	57-141		2.72	30
n-Butylbenzene	45		"	50.0	89.6	89.6	80-130		3.72	30
n-Propylbenzene	48		"	50.0	95.7	95.7	74-136		5.05	30
o-Xylene	49		"	50.0	98.1	98.1	83-123		3.44	30
p- & m- Xylenes	96		"	100	95.9	95.9	82-128		0.996	30
p-Isopropyltoluene	49		"	50.0	97.5	97.5	85-125		2.26	30
sec-Butylbenzene	47		"	50.0	94.9	94.9	83-125		5.93	30



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40337 - EPA 5035A

LCS Dup (BK40337-BSD1)

Prepared: 11/07/2014 Analyzed: 11/08/2014

Styrene	48		ug/L	50.0		95.3	86-126		3.73	30	
tert-Butyl alcohol (TBA)	76		"	50.0		153	70-130	High Bias	6.19	30	
tert-Butylbenzene	47		"	50.0		94.6	80-127		5.65	30	
Tetrachloroethylene	49		"	50.0		97.3	80-129		5.42	30	
Toluene	49		"	50.0		98.9	85-121		2.24	30	
trans-1,2-Dichloroethylene	48		"	50.0		95.2	72-132		3.83	30	
trans-1,3-Dichloropropylene	50		"	50.0		99.8	78-132		1.41	30	
Trichloroethylene	49		"	50.0		97.1	84-123		2.36	30	
Trichlorofluoromethane	45		"	50.0		90.3	62-140		5.26	30	
Vinyl Chloride	41		"	50.0		82.1	52-130		2.76	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>49.1</i>		<i>"</i>	<i>50.0</i>		<i>98.1</i>	<i>77-125</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>47.7</i>		<i>"</i>	<i>50.0</i>		<i>95.4</i>	<i>76-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>49.3</i>		<i>"</i>	<i>50.0</i>		<i>98.7</i>	<i>85-120</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK40015 - EPA 3550C

Blank (BK40015-BLK1)

Prepared & Analyzed: 11/03/2014

Acenaphthene	ND	167	ug/kg wet									
Acenaphthylene	ND	167	"									
Acetophenone	ND	167	"									
Aniline	ND	167	"									
Anthracene	ND	167	"									
Atrazine	ND	167	"									
Benzaldehyde	ND	167	"									
Benzidine	ND	333	"									
Benzo(a)anthracene	ND	167	"									
Benzo(a)pyrene	ND	167	"									
Benzo(b)fluoranthene	ND	167	"									
Benzo(g,h,i)perylene	ND	167	"									
Benzoic acid	ND	333	"									
Benzo(k)fluoranthene	ND	167	"									
Benzyl alcohol	ND	167	"									
Benzyl butyl phthalate	ND	167	"									
1,1'-Biphenyl	ND	167	"									
4-Bromophenyl phenyl ether	ND	167	"									
Caprolactam	ND	167	"									
Carbazole	ND	167	"									
4-Chloro-3-methylphenol	ND	167	"									
4-Chloroaniline	ND	167	"									
Bis(2-chloroethoxy)methane	ND	167	"									
Bis(2-chloroethyl)ether	ND	167	"									
Bis(2-chloroisopropyl)ether	ND	167	"									
2-Chloronaphthalene	ND	167	"									
2-Chlorophenol	ND	167	"									
4-Chlorophenyl phenyl ether	ND	167	"									
Chrysene	ND	167	"									
Dibenzo(a,h)anthracene	ND	167	"									
Dibenzofuran	ND	167	"									
Di-n-butyl phthalate	ND	167	"									
1,2-Dichlorobenzene	ND	167	"									
1,3-Dichlorobenzene	ND	167	"									
1,4-Dichlorobenzene	ND	167	"									
3,3'-Dichlorobenzidine	ND	333	"									
2,4-Dichlorophenol	ND	167	"									
Diethyl phthalate	ND	167	"									
2,4-Dimethylphenol	ND	167	"									
Dimethyl phthalate	ND	167	"									
4,6-Dinitro-2-methylphenol	ND	167	"									
2,4-Dinitrophenol	ND	333	"									
2,4-Dinitrotoluene	ND	167	"									
2,6-Dinitrotoluene	ND	167	"									
Di-n-octyl phthalate	ND	167	"									
1,2-Diphenylhydrazine (as Azobenzene)	ND	167	"									
Bis(2-ethylhexyl)phthalate	ND	167	"									
Fluoranthene	ND	167	"									
Fluorene	ND	167	"									
Hexachlorobenzene	ND	167	"									
Hexachlorobutadiene	ND	167	"									



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40015 - EPA 3550C

Blank (BK40015-BLK1)

Prepared & Analyzed: 11/03/2014

Hexachlorocyclopentadiene	ND	167	ug/kg wet								
Hexachloroethane	ND	167	"								
Indeno(1,2,3-cd)pyrene	ND	167	"								
Isophorone	ND	167	"								
2-Methylnaphthalene	ND	167	"								
2-Methylphenol	ND	167	"								
3- & 4-Methylphenols	ND	167	"								
Naphthalene	ND	167	"								
4-Nitroaniline	ND	167	"								
2-Nitroaniline	ND	167	"								
3-Nitroaniline	ND	167	"								
Nitrobenzene	ND	167	"								
2-Nitrophenol	ND	167	"								
4-Nitrophenol	ND	167	"								
N-nitroso-di-n-propylamine	ND	167	"								
N-Nitrosodimethylamine	ND	167	"								
N-Nitrosodiphenylamine	ND	167	"								
Pentachlorophenol	ND	167	"								
Phenanthrene	ND	167	"								
Phenol	ND	167	"								
Pyrene	ND	167	"								
1,2,4,5-Tetrachlorobenzene	ND	167	"								
2,3,4,6-Tetrachlorophenol	ND	167	"								
1,2,4-Trichlorobenzene	ND	167	"								
2,4,6-Trichlorophenol	ND	167	"								
2,4,5-Trichlorophenol	ND	167	"								
Surrogate: 2-Fluorophenol	897		"	2510		35.7	10-99				
Surrogate: Phenol-d5	979		"	2510		39.0	10-108				
Surrogate: Nitrobenzene-d5	496		"	1670		29.7	10-119				
Surrogate: 2-Fluorobiphenyl	735		"	1680		43.9	10-114				
Surrogate: 2,4,6-Tribromophenol	852		"	2510		34.0	10-106				
Surrogate: Terphenyl-d14	918		"	1670		54.9	10-123				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			
Batch BK40015 - EPA 3550C													
LCS (BK40015-BS1)												Prepared & Analyzed: 11/03/2014	
Acenaphthene	788	167	ug/kg wet	1670		47.3		17-124					
Acenaphthylene	749	167	"	1670		45.0		16-124					
Acetophenone	301	167	"	1670		18.0		28-105	Low Bias				
Aniline	209	167	"	1670		12.5		10-111					
Anthracene	807	167	"	1670		48.4		24-124					
Atrazine	435	167	"	1670		26.1		22-120					
Benzaldehyde	359	167	"	1670		21.5		21-100					
Benzo(a)anthracene	663	167	"	1670		39.8		25-134					
Benzo(a)pyrene	723	167	"	1670		43.4		29-144					
Benzo(b)fluoranthene	743	167	"	1670		44.6		20-151					
Benzo(g,h,i)perylene	672	167	"	1670		40.3		10-153					
Benzoic acid	ND	333	"	1670				10-116	Low Bias				
Benzo(k)fluoranthene	697	167	"	1670		41.8		10-148					
Benzyl alcohol	556	167	"	1670		33.3		17-128					
Benzyl butyl phthalate	845	167	"	1670		50.7		10-132					
1,1'-Biphenyl	440	167	"	1670		26.4		22-103					
4-Bromophenyl phenyl ether	658	167	"	1670		39.5		30-138					
Caprolactam	ND	167	"	1670				10-123	Low Bias				
Carbazole	800	167	"	1670		48.0		31-120					
4-Chloro-3-methylphenol	643	167	"	1670		38.6		16-138					
4-Chloroaniline	601	167	"	1670		36.1		10-117					
Bis(2-chloroethoxy)methane	599	167	"	1670		35.9		10-129					
Bis(2-chloroethyl)ether	504	167	"	1670		30.3		14-125					
Bis(2-chloroisopropyl)ether	556	167	"	1670		33.4		14-122					
2-Chloronaphthalene	758	167	"	1670		45.5		22-115					
2-Chlorophenol	522	167	"	1670		31.3		25-121					
4-Chlorophenyl phenyl ether	719	167	"	1670		43.1		18-132					
Chrysene	802	167	"	1670		48.1		24-116					
Dibenzo(a,h)anthracene	731	167	"	1670		43.9		17-147					
Dibenzofuran	786	167	"	1670		47.2		23-123					
Di-n-butyl phthalate	878	167	"	1670		52.7		19-123					
1,2-Dichlorobenzene	536	167	"	1670		32.1		26-113					
1,3-Dichlorobenzene	455	167	"	1670		27.3		32-113	Low Bias				
1,4-Dichlorobenzene	561	167	"	1670		33.7		28-111					
3,3'-Dichlorobenzidine	722	333	"	1670		43.3		10-147					
2,4-Dichlorophenol	611	167	"	1670		36.7		23-133					
Diethyl phthalate	817	167	"	1670		49.0		23-122					
2,4-Dimethylphenol	636	167	"	1670		38.2		15-131					
Dimethyl phthalate	859	167	"	1670		51.6		28-127					
4,6-Dinitro-2-methylphenol	607	167	"	1670		36.4		10-149					
2,4-Dinitrophenol	457	333	"	1670		27.4		10-149					
2,4-Dinitrotoluene	890	167	"	1670		53.4		30-123					
2,6-Dinitrotoluene	824	167	"	1670		49.4		30-125					
Di-n-octyl phthalate	959	167	"	1670		57.5		10-132					
1,2-Diphenylhydrazine (as Azobenzene)	739	167	"	1670		44.3		10-140					
Bis(2-ethylhexyl)phthalate	895	167	"	1670		53.7		10-141					
Fluoranthene	783	167	"	1670		47.0		36-125					
Fluorene	806	167	"	1670		48.4		16-130					
Hexachlorobenzene	769	167	"	1670		46.2		10-129					
Hexachlorobutadiene	480	167	"	1670		28.8		22-153					
Hexachlorocyclopentadiene	ND	167	"	1670				10-134	Low Bias				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40015 - EPA 3550C

LCS (BK40015-BS1)

Prepared & Analyzed: 11/03/2014

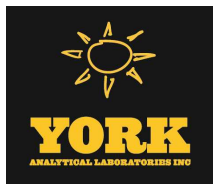
Hexachloroethane	463	167	ug/kg wet	1670		27.8	20-112				
Indeno(1,2,3-cd)pyrene	674	167	"	1670		40.4	10-155				
Isophorone	557	167	"	1670		33.4	14-131				
2-Methylnaphthalene	650	167	"	1670		39.0	16-127				
2-Methylphenol	500	167	"	1670		30.0	10-146				
3- & 4-Methylphenols	515	167	"	1670		30.9	20-109				
Naphthalene	647	167	"	1670		38.8	20-121				
4-Nitroaniline	696	167	"	1670		41.7	14-125				
2-Nitroaniline	854	167	"	1670		51.3	24-126				
3-Nitroaniline	623	167	"	1670		37.4	23-123				
Nitrobenzene	438	167	"	1670		26.3	20-121				
2-Nitrophenol	610	167	"	1670		36.6	17-129				
4-Nitrophenol	483	167	"	1670		29.0	10-136				
N-nitroso-di-n-propylamine	500	167	"	1670		30.0	21-119				
N-Nitrosodimethylamine	548	167	"	1670		32.9	10-124				
N-Nitrosodiphenylamine	895	167	"	1670		53.7	10-163				
Pentachlorophenol	274	167	"	1670		16.4	10-143				
Phenanthrene	852	167	"	1670		51.1	24-123				
Phenol	521	167	"	1670		31.3	15-123				
Pyrene	778	167	"	1670		46.7	24-132				
1,2,4,5-Tetrachlorobenzene	558	167	"	1670		33.5	10-144				
2,3,4,6-Tetrachlorophenol	467	167	"	1670		28.0	30-130	Low Bias			
1,2,4-Trichlorobenzene	546	167	"	1670		32.8	23-130				
2,4,6-Trichlorophenol	618	167	"	1670		37.1	27-122				
2,4,5-Trichlorophenol	642	167	"	1670		38.5	14-138				
<i>Surrogate: 2-Fluorophenol</i>	<i>1220</i>		<i>"</i>	<i>2510</i>		<i>48.4</i>	<i>10-99</i>				
<i>Surrogate: Phenol-d5</i>	<i>1240</i>		<i>"</i>	<i>2510</i>		<i>49.3</i>	<i>10-108</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>654</i>		<i>"</i>	<i>1670</i>		<i>39.2</i>	<i>10-119</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>972</i>		<i>"</i>	<i>1680</i>		<i>58.0</i>	<i>10-114</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>1320</i>		<i>"</i>	<i>2510</i>		<i>52.7</i>	<i>30-130</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>994</i>		<i>"</i>	<i>1670</i>		<i>59.4</i>	<i>10-123</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40015 - EPA 3550C											
LCS Dup (BK40015-BSD1)											
										Prepared & Analyzed: 11/03/2014	
Acenaphthene	669	167	ug/kg wet	1670		40.2	17-124		16.2	30	
Acenaphthylene	644	167	"	1670		38.7	16-124		15.1	30	
Acetophenone	257	167	"	1670		15.4	28-105	Low Bias	15.5	30	
Aniline	154	167	"	1670		9.22	10-111	Low Bias	30.4	30	Non-dir.
Anthracene	671	167	"	1670		40.3	24-124		18.4	30	
Atrazine	364	167	"	1670		21.8	22-120	Low Bias	17.9	30	
Benzaldehyde	302	167	"	1670		18.1	21-100	Low Bias	17.2	30	
Benzo(a)anthracene	549	167	"	1670		32.9	25-134		18.8	30	
Benzo(a)pyrene	569	167	"	1670		34.1	29-144		23.9	30	
Benzo(b)fluoranthene	512	167	"	1670		30.7	20-151		36.8	30	Non-dir.
Benzo(g,h,i)perylene	520	167	"	1670		31.2	10-153		25.5	30	
Benzoic acid	ND	333	"	1670			10-116	Low Bias		30	
Benzo(k)fluoranthene	521	167	"	1670		31.3	10-148		28.8	30	
Benzyl alcohol	459	167	"	1670		27.5	17-128		19.1	30	
Benzyl butyl phthalate	693	167	"	1670		41.6	10-132		19.8	30	
1,1'-Biphenyl	382	167	"	1670		22.9	22-103		14.2	30	
4-Bromophenyl phenyl ether	539	167	"	1670		32.4	30-138		19.8	30	
Caprolactam	260	167	"	1670		15.6	10-123			30	
Carbazole	652	167	"	1670		39.1	31-120		20.3	30	
4-Chloro-3-methylphenol	531	167	"	1670		31.9	16-138		19.1	30	
4-Chloroaniline	478	167	"	1670		28.7	10-117		22.8	30	
Bis(2-chloroethoxy)methane	508	167	"	1670		30.5	10-129		16.4	30	
Bis(2-chloroethyl)ether	425	167	"	1670		25.5	14-125		17.2	30	
Bis(2-chloroisopropyl)ether	471	167	"	1670		28.3	14-122		16.6	30	
2-Chloronaphthalene	634	167	"	1670		38.0	22-115		17.9	30	
2-Chlorophenol	438	167	"	1670		26.3	25-121		17.6	30	
4-Chlorophenyl phenyl ether	595	167	"	1670		35.7	18-132		18.8	30	
Chrysene	650	167	"	1670		39.0	24-116		21.0	30	
Dibenzo(a,h)anthracene	573	167	"	1670		34.4	17-147		24.3	30	
Dibenzofuran	658	167	"	1670		39.5	23-123		17.7	30	
Di-n-butyl phthalate	745	167	"	1670		44.7	19-123		16.5	30	
1,2-Dichlorobenzene	458	167	"	1670		27.5	26-113		15.7	30	
1,3-Dichlorobenzene	387	167	"	1670		23.2	32-113	Low Bias	16.3	30	
1,4-Dichlorobenzene	481	167	"	1670		28.9	28-111		15.4	30	
3,3'-Dichlorobenzidine	518	333	"	1670		31.1	10-147		32.9	30	Non-dir.
2,4-Dichlorophenol	513	167	"	1670		30.8	23-133		17.6	30	
Diethyl phthalate	677	167	"	1670		40.6	23-122		18.7	30	
2,4-Dimethylphenol	545	167	"	1670		32.7	15-131		15.5	30	
Dimethyl phthalate	691	167	"	1670		41.5	28-127		21.7	30	
4,6-Dinitro-2-methylphenol	469	167	"	1670		28.1	10-149		25.7	30	
2,4-Dinitrophenol	322	333	"	1670		19.3	10-149		34.5	30	Non-dir.
2,4-Dinitrotoluene	700	167	"	1670		42.0	30-123		24.0	30	
2,6-Dinitrotoluene	668	167	"	1670		40.1	30-125		20.9	30	
Di-n-octyl phthalate	778	167	"	1670		46.7	10-132		20.8	30	
1,2-Diphenylhydrazine (as Azobenzene)	610	167	"	1670		36.6	10-140		19.1	30	
Bis(2-ethylhexyl)phthalate	753	167	"	1670		45.2	10-141		17.3	30	
Fluoranthene	651	167	"	1670		39.0	36-125		18.5	30	
Fluorene	675	167	"	1670		40.5	16-130		17.7	30	
Hexachlorobenzene	656	167	"	1670		39.3	10-129		16.0	30	
Hexachlorobutadiene	410	167	"	1670		24.6	22-153		15.8	30	
Hexachlorocyclopentadiene	ND	167	"	1670			10-134	Low Bias		30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40015 - EPA 3550C

LCS Dup (BK40015-BSD1)

Prepared & Analyzed: 11/03/2014

Hexachloroethane	394	167	ug/kg wet	1670		23.6	20-112		16.1	30	
Indeno(1,2,3-cd)pyrene	528	167	"	1670		31.7	10-155		24.3	30	
Isophorone	476	167	"	1670		28.5	14-131		15.8	30	
2-Methylnaphthalene	556	167	"	1670		33.4	16-127		15.5	30	
2-Methylphenol	428	167	"	1670		25.7	10-146		15.7	30	
3- & 4-Methylphenols	ND	167	"	1670			20-109	Low Bias		30	
Naphthalene	558	167	"	1670		33.5	20-121		14.7	30	
4-Nitroaniline	525	167	"	1670		31.5	14-125		28.0	30	
2-Nitroaniline	673	167	"	1670		40.4	24-126		23.7	30	
3-Nitroaniline	506	167	"	1670		30.3	23-123		20.8	30	
Nitrobenzene	374	167	"	1670		22.4	20-121		15.9	30	
2-Nitrophenol	514	167	"	1670		30.8	17-129		17.1	30	
4-Nitrophenol	366	167	"	1670		22.0	10-136		27.6	30	
N-nitroso-di-n-propylamine	425	167	"	1670		25.5	21-119		16.4	30	
N-Nitrosodimethylamine	464	167	"	1670		27.9	10-124		16.6	30	
N-Nitrosodiphenylamine	726	167	"	1670		43.6	10-163		20.8	30	
Pentachlorophenol	204	167	"	1670		12.2	10-143		29.4	30	
Phenanthrene	705	167	"	1670		42.3	24-123		18.9	30	
Phenol	437	167	"	1670		26.2	15-123		17.5	30	
Pyrene	642	167	"	1670		38.5	24-132		19.2	30	
1,2,4,5-Tetrachlorobenzene	477	167	"	1670		28.6	10-144		15.7	30	
2,3,4,6-Tetrachlorophenol	368	167	"	1670		22.1	30-130	Low Bias	23.7	30	
1,2,4-Trichlorobenzene	463	167	"	1670		27.8	23-130		16.6	30	
2,4,6-Trichlorophenol	522	167	"	1670		31.3	27-122		16.7	30	
2,4,5-Trichlorophenol	476	167	"	1670		28.5	14-138		29.8	30	
Surrogate: 2-Fluorophenol	1150		"	2510		45.6	10-99				
Surrogate: Phenol-d5	1180		"	2510		46.8	10-108				
Surrogate: Nitrobenzene-d5	620		"	1670		37.2	10-119				
Surrogate: 2-Fluorobiphenyl	940		"	1680		56.0	10-114				
Surrogate: 2,4,6-Tribromophenol	1210		"	2510		48.1	30-130				
Surrogate: Terphenyl-d14	902		"	1670		53.9	10-123				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK40049 - EPA 3550C

Blank (BK40049-BLK1)

Prepared: 11/03/2014 Analyzed: 11/05/2014

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	"								
Chlordane, total	ND	13.2	"								
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	"								
alpha-Chlordane	ND	0.330	"								
Methoxychlor	ND	1.65	"								
Toxaphene	ND	16.7	"								

Surrogate: Tetrachloro-m-xylene

51.1

"

66.7

76.7

30-140

Surrogate: Decachlorobiphenyl

47.8

"

66.7

71.6

30-140

LCS (BK40049-BS1)

Prepared: 11/03/2014 Analyzed: 11/05/2014

4,4'-DDD	27.9	0.330	ug/kg wet	33.3	83.6	40-140
4,4'-DDE	25.8	0.330	"	33.3	77.3	40-140
4,4'-DDT	29.9	0.330	"	33.3	89.6	40-140
Aldrin	24.3	0.330	"	33.3	73.0	40-140
alpha-BHC	25.6	0.330	"	33.3	76.7	40-140
beta-BHC	25.5	0.330	"	33.3	76.4	40-140
gamma-Chlordane	23.7	0.330	"	33.3	71.0	40-140
delta-BHC	25.6	0.330	"	33.3	76.8	40-140
Dieldrin	24.6	0.330	"	33.3	73.8	40-140
Endosulfan I	24.1	0.330	"	33.3	72.2	40-140
Endosulfan II	24.2	0.330	"	33.3	72.5	40-140
Endosulfan sulfate	23.6	0.330	"	33.3	70.8	40-140
Endrin	26.1	0.330	"	33.3	78.4	40-140
Endrin aldehyde	19.7	0.330	"	33.3	59.2	40-140
Endrin ketone	25.8	0.330	"	33.3	77.3	40-140
gamma-BHC (Lindane)	25.9	0.330	"	33.3	77.7	40-140
Heptachlor	24.3	0.330	"	33.3	72.9	40-140
Heptachlor epoxide	23.6	0.330	"	33.3	70.7	40-140
alpha-Chlordane	24.0	0.330	"	33.3	72.0	40-140
Methoxychlor	26.2	1.65	"	33.3	78.5	40-140

Surrogate: Tetrachloro-m-xylene

51.9

"

66.7

77.9

30-140

Surrogate: Decachlorobiphenyl

45.9

"

66.7

68.9

30-140



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit								Level	Result
Batch BK40049 - EPA 3550C											
LCS Dup (BK40049-BSD1)											
										Prepared: 11/03/2014 Analyzed: 11/05/2014	
4,4'-DDD	28.8	0.330	ug/kg wet	33.3		86.3		40-140		3.27	30
4,4'-DDE	26.5	0.330	"	33.3		79.5		40-140		2.77	30
4,4'-DDT	30.8	0.330	"	33.3		92.3		40-140		2.93	30
Aldrin	24.4	0.330	"	33.3		73.2		40-140		0.211	30
alpha-BHC	25.6	0.330	"	33.3		76.7		40-140		0.0561	30
beta-BHC	25.7	0.330	"	33.3		77.2		40-140		1.01	30
gamma-Chlordane	24.0	0.330	"	33.3		71.9		40-140		1.22	30
delta-BHC	26.0	0.330	"	33.3		78.0		40-140		1.46	30
Dieldrin	24.9	0.330	"	33.3		74.7		40-140		1.21	30
Endosulfan I	24.5	0.330	"	33.3		73.4		40-140		1.59	30
Endosulfan II	24.8	0.330	"	33.3		74.5		40-140		2.67	30
Endosulfan sulfate	24.3	0.330	"	33.3		72.8		40-140		2.75	30
Endrin	26.7	0.330	"	33.3		80.2		40-140		2.33	30
Endrin aldehyde	20.5	0.330	"	33.3		61.4		40-140		3.71	30
Endrin ketone	26.9	0.330	"	33.3		80.6		40-140		4.13	30
gamma-BHC (Lindane)	25.9	0.330	"	33.3		77.7		40-140		0.0502	30
Heptachlor	24.3	0.330	"	33.3		73.0		40-140		0.0973	30
Heptachlor epoxide	23.7	0.330	"	33.3		71.1		40-140		0.649	30
alpha-Chlordane	24.2	0.330	"	33.3		72.7		40-140		0.970	30
Methoxychlor	27.3	1.65	"	33.3		81.8		40-140		4.19	30
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>51.5</i>		<i>"</i>	<i>66.7</i>		<i>77.3</i>		<i>30-140</i>			
<i>Surrogate: Decachlorobiphenyl</i>	<i>49.0</i>		<i>"</i>	<i>66.7</i>		<i>73.5</i>		<i>30-140</i>			



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit			Result					RPD	Limit
Batch BK40049 - EPA 3550C											
Blank (BK40049-BLK1)										Prepared: 11/03/2014 Analyzed: 11/04/2014	
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0577		"	0.0667		86.5		30-140			
<i>Surrogate: Decachlorobiphenyl</i>	0.0530		"	0.0667		79.5		30-140			
LCS (BK40049-BS2)										Prepared: 11/03/2014 Analyzed: 11/04/2014	
Aroclor 1016	0.347	0.0167	mg/kg wet	0.333		104		40-130			
Aroclor 1260	0.349	0.0167	"	0.333		105		40-130			
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0573		"	0.0667		86.0		30-140			
<i>Surrogate: Decachlorobiphenyl</i>	0.0517		"	0.0667		77.5		30-140			
LCS Dup (BK40049-BSD2)										Prepared: 11/03/2014 Analyzed: 11/04/2014	
Aroclor 1016	0.346	0.0167	mg/kg wet	0.333		104		40-130	0.154	25	
Aroclor 1260	0.350	0.0167	"	0.333		105		40-130	0.477	25	
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0580		"	0.0667		87.0		30-140			
<i>Surrogate: Decachlorobiphenyl</i>	0.0533		"	0.0667		80.0		30-140			



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BK40063 - EPA 3050B

Blank (BK40063-BLK1)

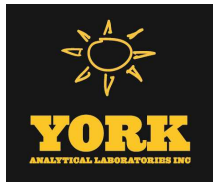
Prepared: 11/03/2014 Analyzed: 11/04/2014

Aluminum	ND	1.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.300	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.00	"								

Reference (BK40063-SRM1)

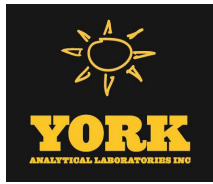
Prepared: 11/03/2014 Analyzed: 11/04/2014

Aluminum	8050	1.00	mg/kg wet	8740	92.1	41.6-158
Antimony	129	0.500	"	108	119	23-255
Arsenic	160	1.00	"	151	106	70.9-130
Barium	286	1.00	"	262	109	73.7-126
Beryllium	136	0.100	"	133	102	75.1-125
Cadmium	150	0.300	"	152	98.4	73-126
Calcium	6590	5.00	"	6400	103	73.9-126
Chromium	118	0.500	"	117	101	69.7-130
Cobalt	74.0	0.500	"	68.7	108	74.4-126
Copper	72.9	0.500	"	68.6	106	73.2-129
Iron	13400	2.00	"	12300	109	30.5-170
Lead	257	0.300	"	254	101	75.6-125
Magnesium	3710	5.00	"	3600	103	68.3-132
Manganese	585	0.500	"	563	104	77.4-123
Nickel	334	0.500	"	315	106	74.3-127
Potassium	3080	5.00	"	3040	101	62.5-137
Selenium	172	1.00	"	162	106	67.3-132
Silver	43.3	0.500	"	44.3	97.7	66.4-124
Sodium	750	10.0	"	746	101	56.8-143
Thallium	262	1.00	"	259	101	69.5-131
Vanadium	118	1.00	"	116	102	67.5-132
Zinc	305	1.00	"	306	99.8	71.9-133



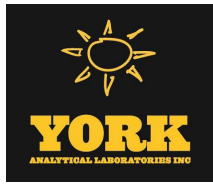
Mercury by EPA 7000/200 Series Methods - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40098 - EPA 7473 soil											
Blank (BK40098-BLK1)											
Mercury	ND	0.0300	mg/kg wet								Prepared & Analyzed: 11/04/2014
Reference (BK40098-SRM1)											
Mercury	3.3025		mg/kg	3.73		88.5	68.6-131				Prepared & Analyzed: 11/04/2014



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 BK40140 - EPA SW846-3060											
Blank (BK40140-BLK1)											
Chromium, Hexavalent	ND	0.500	mg/kg wet								Prepared & Analyzed: 11/05/2014
Reference (BK40140-SRM1)											
Chromium, Hexavalent	96.8		mg/L	125		77.4	20.2-180				Prepared & Analyzed: 11/05/2014



Volatile Analysis Sample Containers

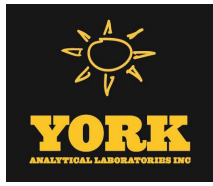
Lab ID	Client Sample ID	Volatile Sample Container
14J1199-01	SB-3 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14J1199-02	SB-3 (4'-6')	40mL Vial with Stir Bar-Cool 4° C
14J1199-03	SB-3 (15'-17')	40mL Vial with Stir Bar-Cool 4° C
14J1199-04	SB-5 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14J1199-05	SB-5 (13'-15')	40mL Vial with Stir Bar-Cool 4° C
14J1199-06	SB-4 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14J1199-07	SB-4 (15'17')	40mL Vial with Stir Bar-Cool 4° C



Notes and Definitions

S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
QL-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.
QCAL	This analyte is outside calibration QC limits due to the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-CCVO	CCV Out. Samples bracketed by acceptable CCVs.
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.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20% AND correlation coefficient <0.990 for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.



Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

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. 14J1199

YOUR Information		Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: <u>Athenica Env. Serv.</u>	Company: _____	Company: _____	Company: _____	<u>14-133-1270</u>	RUSH - Same Day <input type="checkbox"/>	Summary Report _____
Address: <u>45-03 Greenpoint Avenue, Queens, NY 11104</u>	Address: _____	Address: _____	Address: _____	<u>131-32 Avery Avenue, Queens, NY</u>	RUSH - Next Day <input type="checkbox"/>	Summary w/ QA Summary _____
Phone No. <u>(718) 784-7490</u>	Phone No. _____	Phone No. _____	Phone No. _____	Purchase Order No.	RUSH - Two Day <input type="checkbox"/>	CT RCP Package _____
Contact Person: <u>Ezgi Karayel</u>	Attention: _____	Attention: <u>Josiane Charles</u>	Attention: _____		RUSH - Three Day <input type="checkbox"/>	NY ASP A Package _____
E-Mail Address: <u>ekarayel@athenica.com</u>	E-Mail Address: _____	E-Mail Address: <u>jcharles@athenica.com</u>	E-Mail Address: _____	Samples from: CT _____ NY <input checked="" type="checkbox"/> NJ _____	RUSH - Four Day <input type="checkbox"/>	NY ASP B Package _____
					Standard(5-7 Days) <input checked="" type="checkbox"/>	<u>Electronic Deliverables:</u> EDD (Specify Type) <u>X</u>
						Excel _____

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

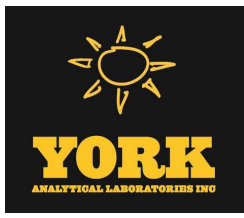
Samples Collected/Authorized By (Signature)
Ezgi Karayel
Name (printed)

Matrix Codes	Volatiles	Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Common Miscellaneous Parameters
S - soil	8260 full TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity Nitrate Color
Other - specify(oil, etc.)	624 Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity Nitrite Phenols
WW - wastewater	STARS list Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL MetCN	Ignitability TKN Cyanide-T
GW - groundwater	BTEX Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point Tot.Nitrogen Cyanide-A
DW - drinking water	MTBE Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal. Ammonia-N BOD5
Air-A - ambient air	TCL list Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs Chloride CBOD5
Air-SV - soil vapor	TAGM list TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX Phosphate BOD28
	CT RCP list 524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded Soil Detection Parameters Full List	BTU/lb. Tot. Phos. COD
	Arom. only 502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox. Oil&Grease TSS
	Halog. only NJDEP list	App. IX	Chlordane	LIST Below	Air TICs	NYCDEP Sewer	TOC E.O.G. Total Solids
	App.IX list SPLP or TCLP	TCLP BNA	608 Pest	Methane	Helium	NYSDEC Sewer	Asbestos pH TDS
	8021B list	SPLP or TCLP	608 PCB			TAGM	Silica MBAS TPH-1664

Special Instructions
Field Filtered
Lab to Filter
Part 375 unrestricted & restricted residential

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB-3 (0'-2')	10/28/14	S	8260, 8270, 8081/8082, TAL Metals, Chromium hexavalent & trivalent	1 terra-core, one 802 jar
SB-3 (4'-6')	↓	↓	↓	↓
SB-3 (15'-17')	↓	↓	↓	↓
SB-5 (0'-2')	↓	↓	↓	↓
SB-5 (13'-15')	↓	↓	↓	↓
SB-4 (0'-2')	↓	↓	↓	↓
SB-4 (15'-17')	↓	↓	↓	↓

Comments <u>"E" Designation Project</u>	Preservation Check those Applicable	4°C _____ Frozen _____ HCl _____ MeOH _____ HNO ₃ _____ H ₂ SO ₄ _____ NaOH _____	Temperature on Receipt <u>3.6 °C</u>
		ZnAc _____ Ascorbic Acid _____ Other _____	
	Samples Relinquished By <u>Ezgi Karayel</u>	Date/Time <u>10/29/14</u>	Samples Received By <u>K. Baker</u>
	Samples Relinquished By	Date/Time	Samples Received in LAB by <u>10-29-14/1900</u>



Technical Report

prepared for:

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

Report Date: 11/07/2014
Client Project ID: 14-133-1270 131-24 Avery Ave Queens NY
York Project (SDG) No.: 14J1193

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 11/07/2014
Client Project ID: 14-133-1270 131-24 Avery Ave Queens NY
York Project (SDG) No.: 14J1193

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 29, 2014 and listed below. The project was identified as your project: **14-133-1270 131-24 Avery Ave Queens NY**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14J1193-01	SB-6 (0'-2')	Soil	10/28/2014	10/29/2014
14J1193-02	SB-6 (4'-6')	Soil	10/28/2014	10/29/2014
14J1193-03	SB-6 (15'-17')	Soil	10/28/2014	10/29/2014
14J1193-04	SB-8 (0'-2')	Soil	10/28/2014	10/29/2014
14J1193-05	SB-8 (15'-17')	Soil	10/28/2014	10/29/2014
14J1193-06	SB-7 (0'-2')	Soil	10/28/2014	10/29/2014
14J1193-07	SB-7 (15'-17')	Soil	10/28/2014	10/29/2014

General Notes for York Project (SDG) No.: 14J1193

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/07/2014





Sample Information

Client Sample ID: SB-6 (0'-2')

York Sample ID: 14J1193-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	43	87	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
78-93-3	2-Butanone	13		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
67-64-1	Acetone	91		ug/kg dry	4.3	8.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
107-02-8	Acrolein	ND		ug/kg dry	4.3	8.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
156-59-2	cis-1,2-Dichloroethylene	50		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS



Sample Information

Client Sample ID: SB-6 (0'-2')

York Sample ID: 14J1193-01

York Project (SDG) No.

Client Project ID

Matrix

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14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.3	8.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.7	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
75-65-0	tert-Butyl alcohol (TBA)	13		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
156-60-5	trans-1,2-Dichloroethylene	4.4		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
79-01-6	Trichloroethylene	54		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
75-01-4	Vinyl Chloride	25		ug/kg dry	2.2	4.3	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.5	13	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:21	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	94.7 %			76-130						
2037-26-5	Surrogate: Toluene-d8	101 %			85-120						



Sample Information

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14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
98-86-2	Acetophenone	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
62-53-3	Aniline	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
120-12-7	Anthracene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
1912-24-9	Atrazine	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
92-87-5	Benzidine	ND		ug/kg dry	869	1730	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
65-85-0	Benzoic acid	ND		ug/kg dry	593	1730	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
105-60-2	Caprolactam	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
86-74-8	Carbazole	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
218-01-9	Chrysene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	869	1730	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH



Sample Information

Client Sample ID: SB-6 (0'-2')

York Sample ID: 14J1193-01

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14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	869	1730	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
206-44-0	Fluoranthene	253	J	ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
86-73-7	Fluorene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
78-59-1	Isophorone	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
91-20-3	Naphthalene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
85-01-8	Phenanthrene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
108-95-2	Phenol	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
129-00-0	Pyrene	243	J	ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	437	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH



Sample Information

Client Sample ID: SB-6 (0'-2')

York Sample ID: 14J1193-01

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14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	225	J	ug/kg dry	218	867	5	EPA 8270D	11/03/2014 06:43	11/03/2014 17:45	KH
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	55.2 %			10-99						
4165-62-2	Surrogate: Phenol-d5	56.0 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	50.1 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	77.2 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	70.9 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	78.4 %			10-123						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
309-00-2	Aldrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
57-74-9	Chlordane, total	ND		ug/kg dry	68.7	68.7	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
72-20-8	Endrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.58	8.58	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
8001-35-2	Toxaphene	ND		ug/kg dry	86.9	86.9	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:14	JW
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	62.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	117 %			30-140						



Sample Information

Client Sample ID: SB-6 (0'-2')

York Sample ID: 14J1193-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	1.73	1.73	100	EPA 8082A	11/03/2014 14:07	11/07/2014 01:05	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	1.73	1.73	100	EPA 8082A	11/03/2014 14:07	11/07/2014 01:05	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	1.73	1.73	100	EPA 8082A	11/03/2014 14:07	11/07/2014 01:05	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	1.73	1.73	100	EPA 8082A	11/03/2014 14:07	11/07/2014 01:05	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	1.73	1.73	100	EPA 8082A	11/03/2014 14:07	11/07/2014 01:05	AMC
11097-69-1	Aroclor 1254	48.2		mg/kg dry	1.73	1.73	100	EPA 8082A	11/03/2014 14:07	11/07/2014 01:05	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	1.73	1.73	100	EPA 8082A	11/03/2014 14:07	11/07/2014 01:05	AMC
1336-36-3	* Total PCBs	48.2		mg/kg dry	1.73	1.73	100	EPA 8082A	11/03/2014 14:07	11/07/2014 01:05	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	%	S-01	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	%	S-01	30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3680		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.520	0.520	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7440-38-2	Arsenic	2.34		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7440-39-3	Barium	35.7		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.104	0.104	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.312	0.312	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7440-70-2	Calcium	11700		mg/kg dry	0.520	5.20	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7440-47-3	Chromium	8.93		mg/kg dry	0.520	0.520	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7440-48-4	Cobalt	4.15		mg/kg dry	0.520	0.520	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7440-50-8	Copper	11.2		mg/kg dry	0.520	0.520	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7439-89-6	Iron	10600		mg/kg dry	2.08	2.08	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7439-92-1	Lead	31.7		mg/kg dry	0.312	0.312	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7439-95-4	Magnesium	2130		mg/kg dry	5.20	5.20	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7439-96-5	Manganese	167		mg/kg dry	0.520	0.520	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7440-02-0	Nickel	10.7		mg/kg dry	0.520	0.520	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7440-09-7	Potassium	711		mg/kg dry	5.20	5.20	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7782-49-2	Selenium	3.25		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7440-22-4	Silver	ND		mg/kg dry	0.520	0.520	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7440-23-5	Sodium	68.2		mg/kg dry	10.4	10.4	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7440-62-2	Vanadium	13.8		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC
7440-66-6	Zinc	29.6		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:00	AMC



Sample Information

Client Sample ID: SB-6 (0'-2') **York Sample ID:** 14J1193-01
York Project (SDG) No.: 14J1193 **Client Project ID:** 14-133-1270 131-24 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 28, 2014 3:00 pm **Date Received:** 10/29/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.103		mg/kg dry	0.0312	0.0312	1	EPA 7473	11/04/2014 10:21	11/04/2014 13:58	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.1		%	0.100	0.100	1	SM 2540G	11/05/2014 09:14	11/05/2014 15:36	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.364	0.520	1	EPA 7196A	11/05/2014 07:25	11/05/2014 14:59	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	8.93		mg/kg	0.250	0.500	1	Calculation	11/05/2014 15:02	11/05/2014 17:30	PAM

Sample Information

Client Sample ID: SB-6 (4'-6') **York Sample ID:** 14J1193-02
York Project (SDG) No.: 14J1193 **Client Project ID:** 14-133-1270 131-24 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 28, 2014 3:00 pm **Date Received:** 10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS



Sample Information

Client Sample ID: SB-6 (4'-6')

York Sample ID: 14J1193-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
67-64-1	Acetone	16		ug/kg dry	5.2	10	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
156-59-2	cis-1,2-Dichloroethylene	140		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS



Sample Information

Client Sample ID: SB-6 (4'-6')

York Sample ID: 14J1193-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
75-65-0	tert-Butyl alcohol (TBA)	21		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
127-18-4	Tetrachloroethylene	46		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
156-60-5	trans-1,2-Dichloroethylene	8.4		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
79-01-6	Trichloroethylene	190		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
75-01-4	Vinyl Chloride	7.1		ug/kg dry	2.6	5.2	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C	11/06/2014 08:52	11/06/2014 19:50	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	97.7 %			76-130						
2037-26-5	Surrogate: Toluene-d8	106 %			85-120						

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
98-86-2	Acetophenone	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
62-53-3	Aniline	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
120-12-7	Anthracene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
1912-24-9	Atrazine	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
92-87-5	Benzidine	ND		ug/kg dry	183	366	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	92.2	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
65-85-0	Benzoic acid	ND		ug/kg dry	125	366	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH



Sample Information

Client Sample ID: SB-6 (4'-6')

York Sample ID: 14J1193-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	92.2	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
105-60-2	Caprolactam	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
86-74-8	Carbazole	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	92.2	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	92.2	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
218-01-9	Chrysene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	183	366	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	92.2	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.2	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	183	366	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	92.2	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
206-44-0	Fluoranthene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
86-73-7	Fluorene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	92.2	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH



Sample Information

Client Sample ID: SB-6 (4'-6')

York Sample ID: 14J1193-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
78-59-1	Isophorone	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	92.2	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	92.2	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
91-20-3	Naphthalene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.2	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.2	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.2	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	92.2	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	92.2	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
85-01-8	Phenanthrene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
108-95-2	Phenol	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
129-00-0	Pyrene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	92.2	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.1	183	1	EPA 8270D	11/03/2014 06:43	11/03/2014 16:05	KH
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	38.8 %			10-99						
4165-62-2	Surrogate: Phenol-d5	39.1 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	32.8 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	43.6 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	62.6 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	58.5 %			10-123						



Sample Information

Client Sample ID: SB-6 (4'-6')

York Sample ID: 14J1193-02

York Project (SDG) No.

Client Project ID

Matrix

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14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
						LOQ						
72-54-8	4,4'-DDD	ND		ug/kg dry	1.81	1.81		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.81	1.81		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.81	1.81		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
309-00-2	Aldrin	ND		ug/kg dry	1.81	1.81		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.81	1.81		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.81	1.81		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
57-74-9	Chlordane, total	ND		ug/kg dry	72.5	72.5		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.81	1.81		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.81	1.81		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.81	1.81		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.81	1.81		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.81	1.81		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.81	1.81		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
72-20-8	Endrin	ND		ug/kg dry	1.81	1.81		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.81	1.81		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.81	1.81		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.81	1.81		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.81	1.81		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.81	1.81		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.81	1.81		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.06	9.06		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
8001-35-2	Toxaphene	ND		ug/kg dry	91.7	91.7		5	EPA 8081B	11/03/2014 14:07	11/04/2014 22:52	JW
	Surrogate Recoveries	Result			Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	84.1 %			30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	84.0 %			30-140							



Sample Information

Client Sample ID: SB-6 (4'-6')

York Sample ID: 14J1193-02

York Project (SDG) No.

Client Project ID

Matrix

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14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A	11/03/2014 14:07	11/04/2014 23:57	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A	11/03/2014 14:07	11/04/2014 23:57	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A	11/03/2014 14:07	11/04/2014 23:57	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A	11/03/2014 14:07	11/04/2014 23:57	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A	11/03/2014 14:07	11/04/2014 23:57	AMC
11097-69-1	Aroclor 1254	0.422		mg/kg dry	0.0183	0.0183	1	EPA 8082A	11/03/2014 14:07	11/04/2014 23:57	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A	11/03/2014 14:07	11/04/2014 23:57	AMC
1336-36-3	* Total PCBs	0.422		mg/kg dry	0.0183	0.0183	1	EPA 8082A	11/03/2014 14:07	11/04/2014 23:57	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	<i>Surrogate: Tetrachloro-m-xylene</i>	78.0 %			30-140						
2051-24-3	<i>Surrogate: Decachlorobiphenyl</i>	66.0 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9820		mg/kg dry	1.10	1.10	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.549	0.549	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7440-38-2	Arsenic	4.50		mg/kg dry	1.10	1.10	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7440-39-3	Barium	62.6		mg/kg dry	1.10	1.10	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.110	0.110	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.329	0.329	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7440-70-2	Calcium	1380		mg/kg dry	0.549	5.49	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7440-47-3	Chromium	18.7		mg/kg dry	0.549	0.549	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7440-48-4	Cobalt	6.65		mg/kg dry	0.549	0.549	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7440-50-8	Copper	19.0		mg/kg dry	0.549	0.549	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7439-89-6	Iron	17300		mg/kg dry	2.20	2.20	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7439-92-1	Lead	54.8		mg/kg dry	0.329	0.329	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7439-95-4	Magnesium	1740		mg/kg dry	5.49	5.49	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7439-96-5	Manganese	457		mg/kg dry	0.549	0.549	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7440-02-0	Nickel	15.9		mg/kg dry	0.549	0.549	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7440-09-7	Potassium	405		mg/kg dry	5.49	5.49	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7782-49-2	Selenium	4.80		mg/kg dry	1.10	1.10	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7440-22-4	Silver	ND		mg/kg dry	0.549	0.549	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7440-23-5	Sodium	63.1		mg/kg dry	11.0	11.0	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7440-62-2	Vanadium	22.5		mg/kg dry	1.10	1.10	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC
7440-66-6	Zinc	56.7		mg/kg dry	1.10	1.10	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:16	AMC



Sample Information

Client Sample ID: SB-6 (4'-6') **York Sample ID:** 14J1193-02
York Project (SDG) No.: 14J1193 **Client Project ID:** 14-133-1270 131-24 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 28, 2014 3:00 pm **Date Received:** 10/29/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.160		mg/kg dry	0.0329	0.0329	1	EPA 7473	11/04/2014 10:21	11/04/2014 14:17	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.1		%	0.100	0.100	1	SM 2540G	11/05/2014 09:14	11/05/2014 15:36	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.384	0.549	1	EPA 7196A	11/05/2014 07:25	11/05/2014 14:59	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	18.7		mg/kg	0.250	0.500	1	Calculation	11/05/2014 15:02	11/05/2014 17:30	PAM

Sample Information

Client Sample ID: SB-6 (15'-17') **York Sample ID:** 14J1193-03
York Project (SDG) No.: 14J1193 **Client Project ID:** 14-133-1270 131-24 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 28, 2014 3:00 pm **Date Received:** 10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS



Sample Information

Client Sample ID: SB-6 (15'-17')

York Sample ID: 14J1193-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	90	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
67-64-1	Acetone	63		ug/kg dry	4.5	9.0	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
107-02-8	Acrolein	ND		ug/kg dry	4.5	9.0	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
156-59-2	cis-1,2-Dichloroethylene	7.8		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	9.0	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS



Sample Information

Client Sample ID: SB-6 (15'-17')

York Sample ID: 14J1193-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.0	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
127-18-4	Tetrachloroethylene	2.8	J	ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
79-01-6	Trichloroethylene	7.3		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	13	1	EPA 8260C	11/06/2014 08:26	11/06/2014 17:38	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	98.3 %			76-130						
2037-26-5	Surrogate: Toluene-d8	99.3 %			85-120						

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
98-86-2	Acetophenone	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
62-53-3	Aniline	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
120-12-7	Anthracene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
1912-24-9	Atrazine	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
92-87-5	Benzidine	ND		ug/kg dry	178	355	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	89.6	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
65-85-0	Benzoic acid	ND		ug/kg dry	122	356	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH



Sample Information

Client Sample ID: SB-6 (15'-17')

York Sample ID: 14J1193-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	89.6	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
105-60-2	Caprolactam	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
86-74-8	Carbazole	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	89.6	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	89.6	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
218-01-9	Chrysene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	178	355	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	89.6	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.6	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	178	356	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	89.6	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
206-44-0	Fluoranthene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
86-73-7	Fluorene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	89.6	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH



Sample Information

Client Sample ID: SB-6 (15'-17')

York Sample ID: 14J1193-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
78-59-1	Isophorone	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	89.6	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	89.6	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
91-20-3	Naphthalene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.6	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.6	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.6	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	89.6	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	89.6	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
85-01-8	Phenanthrene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
108-95-2	Phenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
129-00-0	Pyrene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	89.6	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	11/03/2014 06:43	11/03/2014 20:06	KH
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	53.6 %			10-99						
4165-62-2	Surrogate: Phenol-d5	72.6 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	66.3 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	78.2 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	64.9 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	104 %			10-123						



Sample Information

Client Sample ID: SB-6 (15'-17')

York Sample ID: 14J1193-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
						LOQ						
72-54-8	4,4'-DDD	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
309-00-2	Aldrin	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
57-74-9	Chlordane, total	ND		ug/kg dry	70.4	70.4		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
72-20-8	Endrin	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.80	8.80		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
8001-35-2	Toxaphene	ND		ug/kg dry	89.1	89.1		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:07	JW
	Surrogate Recoveries	Result			Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	90.5 %			30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	97.1 %			30-140							



Sample Information

Client Sample ID: SB-6 (15'-17')

York Sample ID: 14J1193-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	11/03/2014 14:07	11/05/2014 00:26	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	11/03/2014 14:07	11/05/2014 00:26	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	11/03/2014 14:07	11/05/2014 00:26	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	11/03/2014 14:07	11/05/2014 00:26	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	11/03/2014 14:07	11/05/2014 00:26	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	11/03/2014 14:07	11/05/2014 00:26	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	11/03/2014 14:07	11/05/2014 00:26	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A	11/03/2014 14:07	11/05/2014 00:26	AMC
	Surrogate Recoveries	Result				Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	90.0 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	70.5 %				30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7680		mg/kg dry	1.07	1.07	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.534	0.534	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7440-38-2	Arsenic	1.58		mg/kg dry	1.07	1.07	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7440-39-3	Barium	38.5		mg/kg dry	1.07	1.07	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.320	0.320	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7440-70-2	Calcium	761		mg/kg dry	0.534	5.34	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7440-47-3	Chromium	20.5		mg/kg dry	0.534	0.534	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7440-48-4	Cobalt	7.58		mg/kg dry	0.534	0.534	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7440-50-8	Copper	16.1		mg/kg dry	0.534	0.534	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7439-89-6	Iron	19000		mg/kg dry	2.13	2.13	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7439-92-1	Lead	5.50		mg/kg dry	0.320	0.320	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7439-95-4	Magnesium	1660		mg/kg dry	5.34	5.34	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7439-96-5	Manganese	319		mg/kg dry	0.534	0.534	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7440-02-0	Nickel	14.5		mg/kg dry	0.534	0.534	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7440-09-7	Potassium	1090		mg/kg dry	5.34	5.34	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7782-49-2	Selenium	4.61		mg/kg dry	1.07	1.07	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7440-22-4	Silver	ND		mg/kg dry	0.534	0.534	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7440-23-5	Sodium	89.1		mg/kg dry	10.7	10.7	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7440-62-2	Vanadium	29.1		mg/kg dry	1.07	1.07	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC
7440-66-6	Zinc	24.5		mg/kg dry	1.07	1.07	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:20	AMC



Sample Information

Client Sample ID: SB-6 (15'-17') **York Sample ID:** 14J1193-03
York Project (SDG) No. 14J1193 **Client Project ID** 14-133-1270 131-24 Avery Ave Queens NY **Matrix** Soil **Collection Date/Time** October 28, 2014 3:00 pm **Date Received** 10/29/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0320	0.0320	1	EPA 7473	11/04/2014 10:21	11/04/2014 14:22	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.7		%	0.100	0.100	1	SM 2540G	11/05/2014 09:14	11/05/2014 15:36	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	1.88		mg/kg dry	0.373	0.534	1	EPA 7196A	11/05/2014 07:25	11/05/2014 14:59	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	18.6		mg/kg	0.250	0.500	1	Calculation	11/05/2014 15:02	11/05/2014 17:30	PAM

Sample Information

Client Sample ID: SB-8 (0'-2') **York Sample ID:** 14J1193-04
York Project (SDG) No. 14J1193 **Client Project ID** 14-133-1270 131-24 Avery Ave Queens NY **Matrix** Soil **Collection Date/Time** October 28, 2014 3:00 pm **Date Received** 10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS



Sample Information

Client Sample ID: SB-8 (0'-2')

York Sample ID: 14J1193-04

<u>York Project (SDG) No.</u> 14J1193	<u>Client Project ID</u> 14-133-1270 131-24 Avery Ave Queens NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 28, 2014 3:00 pm	<u>Date Received</u> 10/29/2014
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Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	88	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
67-64-1	Acetone	99		ug/kg dry	4.4	8.8	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
107-02-8	Acrolein	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
156-59-2	cis-1,2-Dichloroethylene	2.8	J	ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS



Sample Information

Client Sample ID: SB-8 (0'-2')

York Sample ID: 14J1193-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.8	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
127-18-4	Tetrachloroethylene	2.6	J	ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
79-01-6	Trichloroethylene	11		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:14	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	97.3 %			76-130						
2037-26-5	Surrogate: Toluene-d8	103 %			85-120						

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
98-86-2	Acetophenone	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
62-53-3	Aniline	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
120-12-7	Anthracene	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
1912-24-9	Atrazine	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
92-87-5	Benzidine	ND		ug/kg dry	872	1740	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
56-55-3	Benzo(a)anthracene	395	J	ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
50-32-8	Benzo(a)pyrene	244	J	ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
205-99-2	Benzo(b)fluoranthene	223	J	ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	439	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
65-85-0	Benzoic acid	ND		ug/kg dry	595	1740	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH



Sample Information

Client Sample ID: SB-8 (0'-2')

York Sample ID: 14J1193-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	439	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
105-60-2	Caprolactam	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
86-74-8	Carbazole	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	439	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	439	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
218-01-9	Chrysene	433	J	ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	872	1740	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	439	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	439	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	872	1740	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	439	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
206-44-0	Fluoranthene	898		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
86-73-7	Fluorene	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	439	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH



Sample Information

Client Sample ID: SB-8 (0'-2')

York Sample ID: 14J1193-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
78-59-1	Isophorone	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	439	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	439	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
91-20-3	Naphthalene	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	439	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	439	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	439	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	439	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	439	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
85-01-8	Phenanthrene	515	J	ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
108-95-2	Phenol	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
129-00-0	Pyrene	689	J	ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	439	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	219	870	5	EPA 8270D	11/03/2014 06:43	11/03/2014 18:16	KH
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	48.1 %			10-99						
4165-62-2	Surrogate: Phenol-d5	48.7 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	47.4 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	70.6 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	57.0 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	72.8 %			10-123						



Sample Information

Client Sample ID: SB-8 (0'-2')

York Sample ID: 14J1193-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
309-00-2	Aldrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
57-74-9	Chlordane, total	ND		ug/kg dry	68.9	68.9	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
72-20-8	Endrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.72	1.72	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.61	8.61	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
8001-35-2	Toxaphene	ND		ug/kg dry	87.2	87.2	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:29	JW
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	67.6 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	139 %			30-140						



Sample Information

Client Sample ID: SB-8 (0'-2')

York Sample ID: 14J1193-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	1.74	1.74	100	EPA 8082A	11/03/2014 14:07	11/07/2014 01:34	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	1.74	1.74	100	EPA 8082A	11/03/2014 14:07	11/07/2014 01:34	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	1.74	1.74	100	EPA 8082A	11/03/2014 14:07	11/07/2014 01:34	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	1.74	1.74	100	EPA 8082A	11/03/2014 14:07	11/07/2014 01:34	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	1.74	1.74	100	EPA 8082A	11/03/2014 14:07	11/07/2014 01:34	AMC
11097-69-1	Aroclor 1254	54.7		mg/kg dry	1.74	1.74	100	EPA 8082A	11/03/2014 14:07	11/07/2014 01:34	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	1.74	1.74	100	EPA 8082A	11/03/2014 14:07	11/07/2014 01:34	AMC
1336-36-3	* Total PCBs	54.7		mg/kg dry	1.74	1.74	100	EPA 8082A	11/03/2014 14:07	11/07/2014 01:34	AMC
	Surrogate Recoveries	Result				Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	%	S-01			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	%	S-01			30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6160		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.522	0.522	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7440-38-2	Arsenic	2.67		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7440-39-3	Barium	44.3		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.104	0.104	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7440-43-9	Cadmium	0.539		mg/kg dry	0.313	0.313	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7440-70-2	Calcium	10400		mg/kg dry	0.522	5.22	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7440-47-3	Chromium	16.2		mg/kg dry	0.522	0.522	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7440-48-4	Cobalt	5.98		mg/kg dry	0.522	0.522	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7440-50-8	Copper	669		mg/kg dry	0.522	0.522	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7439-89-6	Iron	14400		mg/kg dry	2.09	2.09	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7439-92-1	Lead	412		mg/kg dry	0.313	0.313	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7439-95-4	Magnesium	2910		mg/kg dry	5.22	5.22	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7439-96-5	Manganese	266		mg/kg dry	0.522	0.522	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7440-02-0	Nickel	17.4		mg/kg dry	0.522	0.522	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7440-09-7	Potassium	697		mg/kg dry	5.22	5.22	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7782-49-2	Selenium	3.95		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7440-22-4	Silver	ND		mg/kg dry	0.522	0.522	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7440-23-5	Sodium	60.9		mg/kg dry	10.4	10.4	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7440-62-2	Vanadium	21.7		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC
7440-66-6	Zinc	88.2		mg/kg dry	1.04	1.04	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:25	AMC



Sample Information

Client Sample ID: SB-8 (0'-2') **York Sample ID:** 14J1193-04
York Project (SDG) No.: 14J1193 **Client Project ID:** 14-133-1270 131-24 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 28, 2014 3:00 pm **Date Received:** 10/29/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.119		mg/kg dry	0.0313	0.0313	1	EPA 7473	11/04/2014 10:21	11/04/2014 14:28	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.8		%	0.100	0.100	1	SM 2540G	11/05/2014 09:14	11/05/2014 15:36	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.365	0.522	1	EPA 7196A	11/05/2014 07:25	11/05/2014 14:59	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	16.2		mg/kg	0.250	0.500	1	Calculation	11/05/2014 15:02	11/05/2014 17:30	PAM

Sample Information

Client Sample ID: SB-8 (15'-17') **York Sample ID:** 14J1193-05
York Project (SDG) No.: 14J1193 **Client Project ID:** 14-133-1270 131-24 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 28, 2014 3:00 pm **Date Received:** 10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS



Sample Information

Client Sample ID: SB-8 (15'-17')

York Sample ID: 14J1193-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	89	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
67-64-1	Acetone	130		ug/kg dry	4.4	8.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
107-02-8	Acrolein	ND		ug/kg dry	4.4	8.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
156-59-2	cis-1,2-Dichloroethylene	3.6	J	ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.4	8.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS



Sample Information

Client Sample ID: SB-8 (15'-17')

York Sample ID: 14J1193-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
79-01-6	Trichloroethylene	4.6		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	13	1	EPA 8260C	11/06/2014 08:26	11/06/2014 18:51	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	93.3 %			76-130						
2037-26-5	Surrogate: Toluene-d8	101 %			85-120						

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
62-53-3	Aniline	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
120-12-7	Anthracene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
92-87-5	Benzidine	ND		ug/kg dry	181	360	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	90.9	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
65-85-0	Benzoic acid	ND		ug/kg dry	123	361	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH



Sample Information

Client Sample ID: SB-8 (15'-17')

York Sample ID: 14J1193-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	90.9	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
105-60-2	Caprolactam	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
86-74-8	Carbazole	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	90.9	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	90.9	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
218-01-9	Chrysene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	181	360	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	90.9	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	90.9	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	181	361	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	90.9	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
206-44-0	Fluoranthene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
86-73-7	Fluorene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	90.9	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH



Sample Information

Client Sample ID: SB-8 (15'-17')

York Sample ID: 14J1193-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
78-59-1	Isophorone	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	90.9	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	90.9	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.9	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.9	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.9	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	90.9	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	90.9	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
85-01-8	Phenanthrene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
108-95-2	Phenol	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
129-00-0	Pyrene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	90.9	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:00	KH
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	47.4 %			10-99						
4165-62-2	Surrogate: Phenol-d5	48.2 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	41.6 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	47.2 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	45.6 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	84.3 %			10-123						



Sample Information

Client Sample ID: SB-8 (15'-17')

York Sample ID: 14J1193-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
72-55-9	4,4'-DDE	1.97		ug/kg dry	1.79	1.79	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
309-00-2	Aldrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
57-74-9	Chlordane, total	ND		ug/kg dry	71.4	71.4	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
72-20-8	Endrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.93	8.93	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
8001-35-2	Toxaphene	ND		ug/kg dry	90.4	90.4	5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:22	JW
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	82.3 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	85.3 %			30-140						



Sample Information

Client Sample ID: SB-8 (15'-17')

York Sample ID: 14J1193-05

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	11/03/2014 14:07	11/05/2014 01:25	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	11/03/2014 14:07	11/05/2014 01:25	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	11/03/2014 14:07	11/05/2014 01:25	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	11/03/2014 14:07	11/05/2014 01:25	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	11/03/2014 14:07	11/05/2014 01:25	AMC
11097-69-1	Aroclor 1254	0.0338		mg/kg dry	0.0180	0.0180	1	EPA 8082A	11/03/2014 14:07	11/05/2014 01:25	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	11/03/2014 14:07	11/05/2014 01:25	AMC
1336-36-3	* Total PCBs	0.0338		mg/kg dry	0.0180	0.0180	1	EPA 8082A	11/03/2014 14:07	11/05/2014 01:25	AMC
	Surrogate Recoveries	Result									
877-09-8	Surrogate: Tetrachloro-m-xylene	86.0 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	66.5 %				30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	13200		mg/kg dry	1.08	1.08	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.541	0.541	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7440-38-2	Arsenic	1.56		mg/kg dry	1.08	1.08	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7440-39-3	Barium	112		mg/kg dry	1.08	1.08	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.108	0.108	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.325	0.325	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7440-70-2	Calcium	1710		mg/kg dry	0.541	5.41	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7440-47-3	Chromium	28.5		mg/kg dry	0.541	0.541	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7440-48-4	Cobalt	12.4		mg/kg dry	0.541	0.541	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7440-50-8	Copper	34.2		mg/kg dry	0.541	0.541	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7439-89-6	Iron	26600		mg/kg dry	2.16	2.16	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7439-92-1	Lead	5.61		mg/kg dry	0.325	0.325	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7439-95-4	Magnesium	3310		mg/kg dry	5.41	5.41	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7439-96-5	Manganese	950		mg/kg dry	0.541	0.541	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7440-02-0	Nickel	25.5		mg/kg dry	0.541	0.541	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7440-09-7	Potassium	1990		mg/kg dry	5.41	5.41	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7782-49-2	Selenium	6.68		mg/kg dry	1.08	1.08	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7440-22-4	Silver	ND		mg/kg dry	0.541	0.541	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7440-23-5	Sodium	139		mg/kg dry	10.8	10.8	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7440-62-2	Vanadium	47.7		mg/kg dry	1.08	1.08	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC
7440-66-6	Zinc	34.7		mg/kg dry	1.08	1.08	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:33	AMC



Sample Information

Client Sample ID: SB-8 (15'-17') **York Sample ID:** 14J1193-05
York Project (SDG) No.: 14J1193 **Client Project ID:** 14-133-1270 131-24 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 28, 2014 3:00 pm **Date Received:** 10/29/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0325	0.0325	1	EPA 7473	11/04/2014 10:21	11/04/2014 14:33	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.4		%	0.100	0.100	1	SM 2540G	11/05/2014 09:14	11/05/2014 15:36	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.379	0.541	1	EPA 7196A	11/05/2014 07:25	11/05/2014 14:59	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	28.5		mg/kg	0.250	0.500	1	Calculation	11/05/2014 15:02	11/05/2014 17:30	PAM

Sample Information

Client Sample ID: SB-7 (0'-2') **York Sample ID:** 14J1193-06
York Project (SDG) No.: 14J1193 **Client Project ID:** 14-133-1270 131-24 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 28, 2014 3:00 pm **Date Received:** 10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS



Sample Information

Client Sample ID: SB-7 (0'-2')

York Sample ID: 14J1193-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	93	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
67-64-1	Acetone	110		ug/kg dry	4.7	9.3	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
107-02-8	Acrolein	ND		ug/kg dry	4.7	9.3	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.7	9.3	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS



Sample Information

Client Sample ID: SB-7 (0'-2')

York Sample ID: 14J1193-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.3	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.0	14	1	EPA 8260C	11/06/2014 08:26	11/06/2014 19:26	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	96.0 %			76-130						
2037-26-5	Surrogate: Toluene-d8	100 %			85-120						

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
98-86-2	Acetophenone	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
62-53-3	Aniline	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
120-12-7	Anthracene	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
1912-24-9	Atrazine	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
92-87-5	Benzidine	ND		ug/kg dry	843	1680	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
56-55-3	Benzo(a)anthracene	618	J	ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
50-32-8	Benzo(a)pyrene	399	J	ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
205-99-2	Benzo(b)fluoranthene	729	J	ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
191-24-2	Benzo(g,h,i)perylene	902		ug/kg dry	424	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
65-85-0	Benzoic acid	ND		ug/kg dry	576	1680	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
207-08-9	Benzo(k)fluoranthene	894		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH



Sample Information

Client Sample ID: SB-7 (0'-2')

York Sample ID: 14J1193-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	424	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
105-60-2	Caprolactam	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
86-74-8	Carbazole	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	424	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	424	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
218-01-9	Chrysene	721	J	ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
53-70-3	Dibenzo(a,h)anthracene	394	J	ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	843	1680	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	424	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	424	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	843	1680	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	424	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
206-44-0	Fluoranthene	1160		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
86-73-7	Fluorene	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	424	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH



Sample Information

Client Sample ID: SB-7 (0'-2')

York Sample ID: 14J1193-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
193-39-5	Indeno(1,2,3-cd)pyrene	712	J	ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
78-59-1	Isophorone	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	424	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	424	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
91-20-3	Naphthalene	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	424	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	424	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	424	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	424	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	424	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
85-01-8	Phenanthrene	625	J	ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
108-95-2	Phenol	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
129-00-0	Pyrene	838	J	ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	424	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	212	842	5	EPA 8270D	11/03/2014 06:43	11/03/2014 16:36	KH
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	64.8 %			10-99						
4165-62-2	Surrogate: Phenol-d5	65.2 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	63.1 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	86.9 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	89.9 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	90.4 %			10-123						



Sample Information

Client Sample ID: SB-7 (0'-2')

York Sample ID: 14J1193-06

<u>York Project (SDG) No.</u> 14J1193	<u>Client Project ID</u> 14-133-1270 131-24 Avery Ave Queens NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 28, 2014 3:00 pm	<u>Date Received</u> 10/29/2014
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
309-00-2	Aldrin	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
57-74-9	Chlordane, total	ND		ug/kg dry	66.7	66.7	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
72-20-8	Endrin	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.67	1.67	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.33	8.33	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
8001-35-2	Toxaphene	ND		ug/kg dry	84.3	84.3	5	EPA 8081B	11/03/2014 14:07	11/05/2014 11:44	JW
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	71.7 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	144 %	S-08		30-140						



Sample Information

Client Sample ID: SB-7 (0'-2')

York Sample ID: 14J1193-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	1.68	1.68	100	EPA 8082A	11/03/2014 14:07	11/07/2014 02:03	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	1.68	1.68	100	EPA 8082A	11/03/2014 14:07	11/07/2014 02:03	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	1.68	1.68	100	EPA 8082A	11/03/2014 14:07	11/07/2014 02:03	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	1.68	1.68	100	EPA 8082A	11/03/2014 14:07	11/07/2014 02:03	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	1.68	1.68	100	EPA 8082A	11/03/2014 14:07	11/07/2014 02:03	AMC
11097-69-1	Aroclor 1254	40.2		mg/kg dry	1.68	1.68	100	EPA 8082A	11/03/2014 14:07	11/07/2014 02:03	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	1.68	1.68	100	EPA 8082A	11/03/2014 14:07	11/07/2014 02:03	AMC
1336-36-3	* Total PCBs	40.2		mg/kg dry	1.68	1.68	100	EPA 8082A	11/03/2014 14:07	11/07/2014 02:03	AMC
	Surrogate Recoveries	Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	%	S-01		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	%	S-01		30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5570		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.505	0.505	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7440-38-2	Arsenic	3.69		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7440-39-3	Barium	47.9		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.101	0.101	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.303	0.303	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7440-70-2	Calcium	28900		mg/kg dry	0.505	5.05	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7440-47-3	Chromium	14.3		mg/kg dry	0.505	0.505	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7440-48-4	Cobalt	5.33		mg/kg dry	0.505	0.505	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7440-50-8	Copper	65.5		mg/kg dry	0.505	0.505	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7439-89-6	Iron	12500		mg/kg dry	2.02	2.02	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7439-92-1	Lead	146		mg/kg dry	0.303	0.303	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7439-95-4	Magnesium	8840		mg/kg dry	5.05	5.05	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7439-96-5	Manganese	266		mg/kg dry	0.505	0.505	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7440-02-0	Nickel	15.5		mg/kg dry	0.505	0.505	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7440-09-7	Potassium	687		mg/kg dry	5.05	5.05	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7782-49-2	Selenium	5.51		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7440-22-4	Silver	ND		mg/kg dry	0.505	0.505	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7440-23-5	Sodium	71.6		mg/kg dry	10.1	10.1	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7440-62-2	Vanadium	24.6		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC
7440-66-6	Zinc	140		mg/kg dry	1.01	1.01	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:37	AMC



Sample Information

Client Sample ID: SB-7 (0'-2') **York Sample ID:** 14J1193-06
York Project (SDG) No.: 14J1193 **Client Project ID:** 14-133-1270 131-24 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 28, 2014 3:00 pm **Date Received:** 10/29/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0589		mg/kg dry	0.0303	0.0303	1	EPA 7473	11/04/2014 10:21	11/04/2014 14:38	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	99.0		%	0.100	0.100	1	SM 2540G	11/05/2014 09:14	11/05/2014 15:36	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.354	0.505	1	EPA 7196A	11/05/2014 07:25	11/05/2014 14:59	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	14.3		mg/kg	0.250	0.500	1	Calculation	11/05/2014 15:02	11/05/2014 17:30	PAM

Sample Information

Client Sample ID: SB-7 (15'-17') **York Sample ID:** 14J1193-07
York Project (SDG) No.: 14J1193 **Client Project ID:** 14-133-1270 131-24 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 28, 2014 3:00 pm **Date Received:** 10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS



Sample Information

Client Sample ID: SB-7 (15'-17')

York Sample ID: 14J1193-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	39	78	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
78-93-3	2-Butanone	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
591-78-6	2-Hexanone	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
67-64-1	Acetone	68		ug/kg dry	3.9	7.8	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
107-02-8	Acrolein	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
71-43-2	Benzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
75-25-2	Bromoform	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
67-66-3	Chloroform	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
74-87-3	Chloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
156-59-2	cis-1,2-Dichloroethylene	3.3	J	ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
74-95-3	Dibromomethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
79-20-9	Methyl acetate	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
75-09-2	Methylene chloride	4.3	J	ug/kg dry	3.9	7.8	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS



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14-133-1270 131-24 Avery Ave Queens NY

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10/29/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
100-42-5	Styrene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
108-88-3	Toluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
79-01-6	Trichloroethylene	3.6	J	ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:03	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	92.8 %			76-130						
2037-26-5	Surrogate: Toluene-d8	101 %			85-120						

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
62-53-3	Aniline	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
120-12-7	Anthracene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
92-87-5	Benzidine	ND		ug/kg dry	181	361	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	91.0	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
65-85-0	Benzoic acid	ND		ug/kg dry	123	361	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH



Sample Information

Client Sample ID: SB-7 (15'-17')

York Sample ID: 14J1193-07

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14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	91.0	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
105-60-2	Caprolactam	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
86-74-8	Carbazole	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	91.0	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	91.0	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
218-01-9	Chrysene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	181	361	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	91.0	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.0	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	181	361	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	91.0	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
206-44-0	Fluoranthene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
86-73-7	Fluorene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	91.0	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH



Sample Information

Client Sample ID: SB-7 (15'-17')

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14-133-1270 131-24 Avery Ave Queens NY

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October 28, 2014 3:00 pm

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Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
78-59-1	Isophorone	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	91.0	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	91.0	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.0	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.0	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.0	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	91.0	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	91.0	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
85-01-8	Phenanthrene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
108-95-2	Phenol	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
129-00-0	Pyrene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.0	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.5	180	1	EPA 8270D	11/03/2014 06:43	11/03/2014 19:33	KH
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	63.7 %			10-99						
4165-62-2	Surrogate: Phenol-d5	70.2 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	61.8 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	67.4 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	65.5 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	112 %			10-123						



Sample Information

Client Sample ID: SB-7 (15'-17')

York Sample ID: 14J1193-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
						LOQ						
72-54-8	4,4'-DDD	ND		ug/kg dry	1.79	1.79		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
72-55-9	4,4'-DDE	7.45		ug/kg dry	1.79	1.79		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.79	1.79		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
309-00-2	Aldrin	ND		ug/kg dry	1.79	1.79		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	1.79		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.79	1.79		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
57-74-9	Chlordane, total	ND		ug/kg dry	71.5	71.5		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.79	1.79		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.79	1.79		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.79	1.79		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	1.79		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	1.79		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	1.79		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
72-20-8	Endrin	ND		ug/kg dry	1.79	1.79		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	1.79		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	1.79		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	1.79		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.79	1.79		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	1.79		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.79	1.79		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.93	8.93		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
8001-35-2	Toxaphene	ND		ug/kg dry	90.4	90.4		5	EPA 8081B	11/03/2014 14:07	11/04/2014 23:37	JW
Surrogate Recoveries		Result			Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	89.0 %			30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	99.7 %			30-140							



Sample Information

Client Sample ID: SB-7 (15'-17')

York Sample ID: 14J1193-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1193

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 28, 2014 3:00 pm

10/29/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	11/03/2014 14:07	11/05/2014 02:23	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	11/03/2014 14:07	11/05/2014 02:23	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	11/03/2014 14:07	11/05/2014 02:23	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	11/03/2014 14:07	11/05/2014 02:23	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	11/03/2014 14:07	11/05/2014 02:23	AMC
11097-69-1	Aroclor 1254	0.0973		mg/kg dry	0.0180	0.0180	1	EPA 8082A	11/03/2014 14:07	11/05/2014 02:23	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A	11/03/2014 14:07	11/05/2014 02:23	AMC
1336-36-3	* Total PCBs	0.0973		mg/kg dry	0.0180	0.0180	1	EPA 8082A	11/03/2014 14:07	11/05/2014 02:23	AMC
	Surrogate Recoveries	Result									
877-09-8	Surrogate: Tetrachloro-m-xylene	92.5 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	76.0 %				30-140					

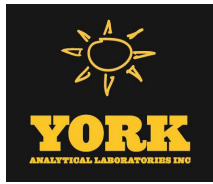
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	13400		mg/kg dry	1.08	1.08	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.541	0.541	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7440-38-2	Arsenic	1.31		mg/kg dry	1.08	1.08	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7440-39-3	Barium	75.3		mg/kg dry	1.08	1.08	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.108	0.108	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.325	0.325	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7440-70-2	Calcium	1160		mg/kg dry	0.541	5.41	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7440-47-3	Chromium	31.9		mg/kg dry	0.541	0.541	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7440-48-4	Cobalt	13.8		mg/kg dry	0.541	0.541	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7440-50-8	Copper	25.7		mg/kg dry	0.541	0.541	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7439-89-6	Iron	23700		mg/kg dry	2.17	2.17	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7439-92-1	Lead	5.53		mg/kg dry	0.325	0.325	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7439-95-4	Magnesium	3120		mg/kg dry	5.41	5.41	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7439-96-5	Manganese	488		mg/kg dry	0.541	0.541	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7440-02-0	Nickel	23.4		mg/kg dry	0.541	0.541	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7440-09-7	Potassium	2550		mg/kg dry	5.41	5.41	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7782-49-2	Selenium	5.28		mg/kg dry	1.08	1.08	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7440-22-4	Silver	ND		mg/kg dry	0.541	0.541	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7440-23-5	Sodium	67.6		mg/kg dry	10.8	10.8	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7440-62-2	Vanadium	45.1		mg/kg dry	1.08	1.08	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC
7440-66-6	Zinc	35.1		mg/kg dry	1.08	1.08	1	EPA 6010C	11/03/2014 17:49	11/04/2014 20:54	AMC



Sample Information

Client Sample ID: SB-7 (15'-17') **York Sample ID:** 14J1193-07
York Project (SDG) No. 14J1193 **Client Project ID** 14-133-1270 131-24 Avery Ave Queens NY **Matrix** Soil **Collection Date/Time** October 28, 2014 3:00 pm **Date Received** 10/29/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0325	0.0325	1	EPA 7473	11/05/2014 12:36	11/05/2014 13:15	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.3		%	0.100	0.100	1	SM 2540G	11/05/2014 09:14	11/05/2014 15:36	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.379	0.541	1	EPA 7196A	11/05/2014 07:25	11/05/2014 14:59	SC

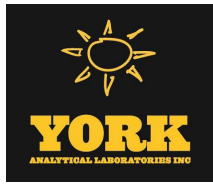
Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	31.9		mg/kg	0.250	0.500	1	Calculation	11/05/2014 15:02	11/05/2014 17:30	PAM



Volatile Analysis Sample Containers

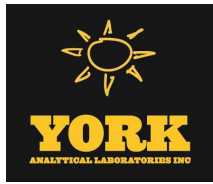
Lab ID	Client Sample ID	Volatile Sample Container
14J1193-01	SB-6 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14J1193-02	SB-6 (4'-6')	40mL Vial with Stir Bar-Cool 4° C
14J1193-03	SB-6 (15'-17')	40mL Vial with Stir Bar-Cool 4° C
14J1193-04	SB-8 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14J1193-05	SB-8 (15'-17')	40mL Vial with Stir Bar-Cool 4° C
14J1193-06	SB-7 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14J1193-07	SB-7 (15'-17')	40mL Vial with Stir Bar-Cool 4° C



Notes and Definitions

S-08	The recovery of this surrogate was outside of QC limits.
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
QM-11	The spike recovery or RPD may not be available or within QC limits because of sample dilution due to high analyte concentration and/or matrix interference.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
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.
QCAL	This analyte is outside calibration QC limits due to the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-MISpk	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The SRM was within acceptance limits, therefore data are acceptable.
M-HCSpk	Sample conc. >10 X spike conc.
M-CCVO	CCV Out. Samples bracketed by acceptable CCVs.
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.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.



Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

Field Chain-of-Custody Record

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

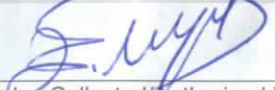
NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 14J1193

YOUR Information		Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: <u>Athenica Env. Serv.</u>	Company: _____	<i>SAME</i>	<i>SAME</i>	<u>14-133-1270</u>	RUSH - Same Day <input type="checkbox"/>	Summary Report _____
Address: <u>45-09 Greenpoint Avenue, Queens, NY</u>	Address: _____			<u>131-24 Avery Avenue, Queens, NY</u>	RUSH - Next Day <input type="checkbox"/>	Summary w/ QA Summary _____
Phone No. <u>(718) 784-7490</u>	Phone No. _____			Purchase Order No.	RUSH - Two Day <input type="checkbox"/>	CT RCP Package _____
Contact Person: <u>Ezgi Karayel</u>	Attention: _____				RUSH - Three Day <input type="checkbox"/>	NY ASP A Package _____
E-Mail Address: <u>ekarayel@athenica.com</u>	E-Mail Address: _____	Attention: <u>Josiane Charles</u>	Samples from: CT ___ NY <input checked="" type="checkbox"/> NJ ___		RUSH - Four Day <input type="checkbox"/>	NY ASP B Package _____
		E-Mail Address: <u>jcharles@athenica.com</u>			Standard(5-7 Days) <input checked="" type="checkbox"/>	Electronic Deliverables: EDD (Specify Type) <u>X</u> Excel _____

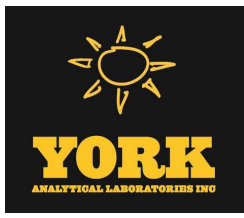
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Volatiles	Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Common Miscellaneous Parameters	Special Instructions
8260 full TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity Nitrate Color	Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/> Part 375 Unrestricted & Restricted Residential
624 Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity Nitrate Phenols	
STARS list Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability TKN Cyanide-T	
BTEX Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point Tot. Nitrogen Cyanide-A	
MTBE Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal. Ammonia-N BOD5	
TCL list Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs Chloride CBOD5	
TAGM list TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX Phosphate BOD28	
CT RCP list 524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded <small>(No Distillate/Fat)</small>	BTU/lb. Tot. Phos. COD	
Arom. only 502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded <small>(Full List)</small>	Aquatic Tox. Oil & Grease TSS	
Halog. only NJDEP list	App. IX	Chlordane	<u>Indiv. Metals</u>	Air TICs	NYCDEP Sewer	TOC F.O.G. Total Solids	
Air-A - ambient air	App. IX list	SPLP or TCLP	LIST Below	Methane	NYSDEC Sewer	Asbestos pH TDS	
Air-SV - soil vapor	8021B list	SPLP or TCLP	608 PCB	Helium	TAGM	Silica MBAS TPH-1664	


 Samples Collected/Authorized By (Signature)
Ezgi Karayel
 Name (printed)

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB-6 (0'-2')	10/28/14	S	8260, 8270, 8081/8082, TAL metals, chromium hexavalent & trivalent	1 terra-core, one 8-oz jar
SB-6 (4'-6')	↓	↓	↓	↓
SB-6 (15'-17')	↓	↓	↓	↓
SB-8 (0'-2')	↓	↓	↓	↓
SB-8 (15'-17')	↓	↓	↓	↓
SB-7 (0'-2')	↓	↓	↓	↓
SB-7 (15'-17')	↓	↓	↓	↓

Comments <u>"E-Designation" Project</u>	Preservation Check those Applicable 4°C _____ Frozen _____ HCl _____ MeOH _____ HNO ₃ _____ H ₂ SO ₄ _____ NaOH _____ ZnAc _____ Ascorbic Acid _____ Other _____	Temperature on Receipt <u>3.6</u>	
	Samples Relinquished By <u>[Signature]</u> Date/Time <u>10/29/14 8:15 AM</u>		Samples Received By <u>K Baker</u> Date/Time <u>10/29/14</u>
	Samples Relinquished By _____ Date/Time _____		Samples Received in LAB by <u>Prace</u> Date/Time <u>10-29-14 1900</u>



Technical Report

prepared for:

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

Report Date: 11/10/2014
Client Project ID: 14-133-1270 131-24 Avery Ave Queens NY
York Project (SDG) No.: 14J1188

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 11/10/2014
Client Project ID: 14-133-1270 131-24 Avery Ave Queens NY
York Project (SDG) No.: 14J1188

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 30, 2014 and listed below. The project was identified as your project: **14-133-1270 131-24 Avery Ave Queens NY**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14J1188-01	SB-12 (0'-2')	Soil	10/29/2014	10/30/2014
14J1188-02	SB-12 (4'-6')	Soil	10/29/2014	10/30/2014
14J1188-03	SB-9 (2'-4')	Soil	10/29/2014	10/30/2014
14J1188-04	SB-9 (4'-6')	Soil	10/29/2014	10/30/2014
14J1188-05	SB-10 (0'-2')	Soil	10/29/2014	10/30/2014
14J1188-06	SB-10 (4'-6')	Soil	10/29/2014	10/30/2014
14J1188-07	SB-11 (0'-2')	Soil	10/29/2014	10/30/2014
14J1188-08	SB-11 (4'-6')	Soil	10/29/2014	10/30/2014

General Notes for York Project (SDG) No.: 14J1188

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/10/2014





Sample Information

Client Sample ID: SB-12 (0'-2')

York Sample ID: 14J1188-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	43	85	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
67-64-1	Acetone	24		ug/kg dry	4.3	8.5	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
107-02-8	Acrolein	ND		ug/kg dry	4.3	8.5	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
71-43-2	Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
156-59-2	cis-1,2-Dichloroethylene	1300		ug/kg dry	160	310	73	EPA 8260C	11/05/2014 16:22	11/06/2014 18:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS



Sample Information

Client Sample ID: SB-12 (0'-2')

York Sample ID: 14J1188-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.3	8.5	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.5	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
100-42-5	Styrene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
75-65-0	tert-Butyl alcohol (TBA)	12		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
108-88-3	Toluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
156-60-5	trans-1,2-Dichloroethylene	13		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
79-01-6	Trichloroethylene	5.3		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
75-01-4	Vinyl Chloride	28		ug/kg dry	2.1	4.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.4	13	1	EPA 8260C	11/05/2014 16:22	11/06/2014 09:30	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.9 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	94.0 %			76-130						
2037-26-5	Surrogate: Toluene-d8	107 %			85-120						



Sample Information

Client Sample ID: SB-12 (0'-2')

York Sample ID: 14J1188-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.1		%	0.100	0.100	1	SM 2540G	11/05/2014 09:09	11/05/2014 15:27	SCA

Sample Information

Client Sample ID: SB-12 (4'-6')

York Sample ID: 14J1188-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
67-64-1	Acetone	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS



Sample Information

Client Sample ID: SB-12 (4'-6')

York Sample ID: 14J1188-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
156-59-2	cis-1,2-Dichloroethylene	3700		ug/kg dry	270	540	94	EPA 8260C	11/06/2014 08:26	11/07/2014 23:22	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
100-41-4	Ethyl Benzene	7.9		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
100-42-5	Styrene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
127-18-4	Tetrachloroethylene	5700		ug/kg dry	270	540	94	EPA 8260C	11/06/2014 08:26	11/07/2014 23:22	SS
108-88-3	Toluene	12		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
156-60-5	trans-1,2-Dichloroethylene	95		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
79-01-6	Trichloroethylene	5500		ug/kg dry	270	540	95	EPA 8260C	11/06/2014 08:26	11/07/2014 23:22	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
75-01-4	Vinyl Chloride	25		ug/kg dry	2.8	5.7	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C	11/06/2014 08:26	11/06/2014 20:39	SS
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: SB-12 (4'-6')

York Sample ID: 14J1188-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	87.9 %			76-130						
2037-26-5	Surrogate: Toluene-d8	111 %			85-120						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.8		%	0.100	0.100	1	SM 2540G	11/05/2014 09:09	11/05/2014 15:27	SCA

Sample Information

Client Sample ID: SB-9 (2'-4')

York Sample ID: 14J1188-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
75-35-4	1,1-Dichloroethylene	34		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS



Sample Information

Client Sample ID: SB-9 (2'-4')

York Sample ID: 14J1188-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
67-64-1	Acetone	150		ug/kg dry	5.9	12	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
107-02-8	Acrolein	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
71-43-2	Benzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
75-25-2	Bromoform	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
75-15-0	Carbon disulfide	4.3	J	ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
67-66-3	Chloroform	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
156-59-2	cis-1,2-Dichloroethylene	40000		ug/kg dry	1200	2400	410	EPA 8260C	11/05/2014 08:26	11/08/2014 00:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
100-41-4	Ethyl Benzene	56		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
99-87-6	p-Isopropyltoluene	8.7		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
100-42-5	Styrene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
75-65-0	tert-Butyl alcohol (TBA)	22		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
127-18-4	Tetrachloroethylene	3.8	J	ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS
108-88-3	Toluene	120		ug/kg dry	3.0	5.9	1	EPA 8260C	11/05/2014 08:26	11/05/2014 22:42	SS



Sample Information

Client Sample ID: SB-9 (2'-4')

York Sample ID: 14J1188-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include trans-1,2-Dichloroethylene, trans-1,3-Dichloropropylene, Trichloroethylene, Trichlorofluoromethane, Vinyl Chloride, Xylenes, Total, and Surrogate Recoveries.

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: solids, * % Solids, 94.4, %, 0.100, 0.100, 1, SM 2540G.

Sample Information

Client Sample ID: SB-9 (4'-6')

York Sample ID: 14J1188-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-chloropropane.



Sample Information

Client Sample ID: SB-9 (4'-6')

York Sample ID: 14J1188-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	42	84	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
67-64-1	Acetone	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
107-02-8	Acrolein	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
71-43-2	Benzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
156-59-2	cis-1,2-Dichloroethylene	3500		ug/kg dry	290	570	137	EPA 8260C	11/05/2014 08:26	11/06/2014 20:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS



Sample Information

Client Sample ID: SB-9 (4'-6')

York Sample ID: 14J1188-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
100-42-5	Styrene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
127-18-4	Tetrachloroethylene	11		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
108-88-3	Toluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
156-60-5	trans-1,2-Dichloroethylene	10		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
79-01-6	Trichloroethylene	41		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.3	13	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:18	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	95.5 %	76-130								
2037-26-5	Surrogate: Toluene-d8	104 %	85-120								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.4		%	0.100	0.100	1	SM 2540G	11/05/2014 09:09	11/05/2014 15:27	SCA

Sample Information

Client Sample ID: SB-10 (0'-2')

York Sample ID: 14J1188-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS



Sample Information

Client Sample ID: SB-10 (0'-2')

York Sample ID: 14J1188-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
67-64-1	Acetone	28		ug/kg dry	5.3	11	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
156-59-2	cis-1,2-Dichloroethylene	60		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS



Sample Information

Client Sample ID: SB-10 (0'-2')

York Sample ID: 14J1188-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
127-18-4	Tetrachloroethylene	19		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
156-60-5	trans-1,2-Dichloroethylene	4.6	J	ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
79-01-6	Trichloroethylene	83		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C	11/05/2014 08:26	11/05/2014 23:54	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	110 %	76-130								
2037-26-5	Surrogate: Toluene-d8	105 %	85-120								



Sample Information

Client Sample ID: SB-10 (0'-2')

York Sample ID: 14J1188-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, * % Solids, 96.3, %, 0.100, 0.100, 1, SM 2540G, 11/05/2014 09:20, 11/05/2014 15:43, SCA

Sample Information

Client Sample ID: SB-10 (4'-6')

York Sample ID: 14J1188-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 630-20-6, 71-55-6, 79-34-5, 76-13-1, 79-00-5, 75-34-3, 75-35-4, 120-82-1, 95-63-6, 96-12-8, 106-93-4, 95-50-1, 107-06-2, 78-87-5, 108-67-8, 541-73-1, 106-46-7, 123-91-1, 78-93-3, 591-78-6, 108-10-1, 67-64-1, 107-02-8, 107-13-1.



Sample Information

Client Sample ID: SB-10 (4'-6')

York Sample ID: 14J1188-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
75-25-2	Bromoform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
67-66-3	Chloroform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
156-59-2	cis-1,2-Dichloroethylene	190		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
79-20-9	Methyl acetate	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
75-09-2	Methylene chloride	ND		ug/kg dry	6.4	13	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.4	13	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
100-42-5	Styrene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
127-18-4	Tetrachloroethylene	190		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
108-88-3	Toluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
156-60-5	trans-1,2-Dichloroethylene	13		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
79-01-6	Trichloroethylene	3600		ug/kg dry	290	580	91	EPA 8260C	11/05/2014 08:26	11/06/2014 20:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.5	19	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:15	SS
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: SB-10 (4'-6')

York Sample ID: 14J1188-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	113 %			76-130						
2037-26-5	Surrogate: Toluene-d8	112 %			85-120						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.1		%	0.100	0.100	1	SM 2540G	11/05/2014 15:54	11/06/2014 14:01	SCA

Sample Information

Client Sample ID: SB-11 (0'-2')

York Sample ID: 14J1188-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS



Sample Information

Client Sample ID: SB-11 (0'-2')

York Sample ID: 14J1188-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg dry	62	120	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
591-78-6	2-Hexanone	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
67-64-1	Acetone	ND		ug/kg dry	6.2	12	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
107-02-8	Acrolein	ND		ug/kg dry	6.2	12	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
71-43-2	Benzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
75-25-2	Bromoform	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
67-66-3	Chloroform	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
156-59-2	cis-1,2-Dichloroethylene	190		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
79-20-9	Methyl acetate	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
75-09-2	Methylene chloride	ND		ug/kg dry	6.2	12	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.2	12	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
100-42-5	Styrene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
127-18-4	Tetrachloroethylene	6.1	J	ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS
108-88-3	Toluene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	11/05/2014 08:26	11/06/2014 01:51	SS



Sample Information

Client Sample ID: SB-11 (0'-2')

York Sample ID: 14J1188-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include trans-1,2-Dichloroethylene, trans-1,3-Dichloropropylene, Trichloroethylene, Trichlorofluoromethane, Vinyl Chloride, Xylenes, Total, and Surrogate Recoveries.

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row for % Solids.

Sample Information

Client Sample ID: SB-11 (4'-6')

York Sample ID: 14J1188-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-chloropropane.



Sample Information

Client Sample ID: SB-11 (4'-6')

York Sample ID: 14J1188-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	4900	9800	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
78-93-3	2-Butanone	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
591-78-6	2-Hexanone	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
67-64-1	Acetone	570	J	ug/kg dry	490	980	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
107-02-8	Acrolein	ND		ug/kg dry	490	980	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
71-43-2	Benzene	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
75-25-2	Bromoform	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
74-83-9	Bromomethane	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
75-00-3	Chloroethane	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
67-66-3	Chloroform	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
74-87-3	Chloromethane	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
156-59-2	cis-1,2-Dichloroethylene	4800		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
74-95-3	Dibromomethane	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
79-20-9	Methyl acetate	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
75-09-2	Methylene chloride	ND		ug/kg dry	490	980	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
95-47-6	o-Xylene	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	490	980	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS



Sample Information

Client Sample ID: SB-11 (4'-6')

York Sample ID: 14J1188-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1188

14-133-1270 131-24 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
100-42-5	Styrene	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
127-18-4	Tetrachloroethylene	3200		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
108-88-3	Toluene	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
156-60-5	trans-1,2-Dichloroethylene	350	J	ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
79-01-6	Trichloroethylene	13000		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	250	490	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	740	1500	100	EPA 8260C	11/06/2014 08:32	11/06/2014 21:31	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.3 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	97.1 %			76-130						
2037-26-5	Surrogate: Toluene-d8	108 %			85-120						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.5		%	0.100	0.100	1	SM 2540G	11/05/2014 15:54	11/06/2014 14:01	SCA



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14J1188-01	SB-12 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14J1188-02	SB-12 (4'-6')	40mL Vial with Stir Bar-Cool 4° C
14J1188-03	SB-9 (2'-4')	40mL Vial with Stir Bar-Cool 4° C
14J1188-04	SB-9 (4'-6')	40mL Vial with Stir Bar-Cool 4° C
14J1188-05	SB-10 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14J1188-06	SB-10 (4'-6')	40mL Vial with Stir Bar-Cool 4° C
14J1188-07	SB-11 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14J1188-08	SB-11 (4'-6')	40mL Vial with Stir Bar-Cool 4° C



Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
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.
<hr/>	
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.	
If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.	
2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.	
Certification for pH is no longer offered by NYDOH ELAP.	
Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.	

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 ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

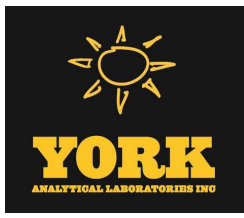
YOUR Information Company: Athenica Env. Serv. Address: 4509 Greenpoint Avenue, Queens, NY 11041 Phone No. (718) 784-7490 Contact Person: Ezgi Karayel E-Mail Address: ekarayel@athenica.com		Report To: Company: <u>STATE</u> Address: <u>STATE</u> Phone No. <u>STATE</u> Attention: <u>Josiane Charles</u> E-Mail Address: <u>Jcharles@athenica.com</u>		Invoice To: Company: <u>STATE</u> Address: <u>STATE</u> Phone No. <u>STATE</u> Attention: <u>Josiane Charles</u> E-Mail Address: <u>Jcharles@athenica.com</u>		YOUR Project ID 14-133-1270 - 131-24 AVERY AVENUE, QUEENS, NY Purchase Order No.		Turn-Around Time RUSH - Same Day RUSH - Next Day RUSH - Two Day RUSH - Three Day RUSH - Four Day Standard(5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report Summary w/ QA Summary 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 EQuIS (std) EZ-EDD (EQuIS) NJDEP SRP HazSite EDD GIS/KEY (std) Other York Regulatory Comparison Excel Spreadsheet <input checked="" type="checkbox"/> Compare to the following Regs. (please fill in): Part 375 Unrestricted and restricted residential	
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Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)
Ezgi Karayel
Ezgi Karayel
Name (printed)

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB-12 SB-12 (0'-2')	10/29/14	S	TCL VOCs	1 terra-core x 18oz jar
SB-12 (4'-6')				
SB-9 (2'-4')				
SB-9 (4'-6')				
SB-10 (0'-2')				
SB-10 (4'-6')				
SB-11 (0'-2')				
SB-11 (4'-6')				

Preservation Check those Applicable 4°C _____ Frozen _____ HCl _____ MeOH _____ HNO ₃ _____ NaOH _____ ZnAc _____ Ascorbic Acid _____ Other _____		Temperature on Receipt 4.5 °C	
Special Instructions Field Filtered _____ Lab to Filter _____		Samples Relinquished By <u>K. Sankar</u> Date/Time <u>10/30/14 9:00</u> Samples Received By <u>State</u> Date/Time <u>10-30-14 1:00</u>	
Samples Relinquished By _____ Date/Time _____ Samples Received in LAB by _____ Date/Time _____		"E" Designation Project	



Technical Report

prepared for:

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

Report Date: 11/06/2014
Client Project ID: 14-133-1269 131-18 Avery Ave Queens NY
York Project (SDG) No.: 14J1187

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 11/06/2014
Client Project ID: 14-133-1269 131-18 Avery Ave Queens NY
York Project (SDG) No.: 14J1187

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 30, 2014 and listed below. The project was identified as your project: **14-133-1269 131-18 Avery Ave Queens NY**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14J1187-01	SB-14 (0'-2')	Soil	10/29/2014	10/30/2014
14J1187-02	SB-14 (15'-17')	Soil	10/29/2014	10/30/2014
14J1187-03	SB-15 (0'-2')	Soil	10/29/2014	10/30/2014
14J1187-04	SB-15 (15'-17')	Soil	10/29/2014	10/30/2014
14J1187-05	SB-13 (0'-2')	Soil	10/29/2014	10/30/2014
14J1187-06	SB-13 (15'-17')	Soil	10/29/2014	10/30/2014

General Notes for York Project (SDG) No.: 14J1187

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/06/2014





Sample Information

Client Sample ID: SB-14 (0'-2')

York Sample ID: 14J1187-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	97	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
67-64-1	Acetone	6.6	J	ug/kg dry	4.8	9.7	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
107-02-8	Acrolein	ND		ug/kg dry	4.8	9.7	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS



Sample Information

Client Sample ID: SB-14 (0'-2')

York Sample ID: 14J1187-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.8	9.7	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.7	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C	11/05/2014 16:22	11/06/2014 05:27	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	91.2 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	91.6 %			76-130						
2037-26-5	Surrogate: Toluene-d8	110 %			85-120						



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14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
98-86-2	Acetophenone	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
62-53-3	Aniline	ND		ug/kg dry	177	354	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
120-12-7	Anthracene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
1912-24-9	Atrazine	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
92-87-5	Benzidine	ND		ug/kg dry	177	354	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
65-85-0	Benzoic acid	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
105-60-2	Caprolactam	ND		ug/kg dry	88.3	176	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
86-74-8	Carbazole	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
218-01-9	Chrysene	62.8	J	ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR



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10/30/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.3	176	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.3	176	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
206-44-0	Fluoranthene	108		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
86-73-7	Fluorene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
78-59-1	Isophorone	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
91-20-3	Naphthalene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.3	176	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	88.3	176	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.3	176	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.3	176	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
85-01-8	Phenanthrene	69.2	J	ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
108-95-2	Phenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
129-00-0	Pyrene	102		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	88.3	176	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	88.3	176	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR



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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	11/04/2014 07:08	11/05/2014 11:30	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	57.6 %			10-99						
4165-62-2	Surrogate: Phenol-d5	65.5 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	46.5 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	76.7 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	59.5 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	71.6 %			10-123						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
309-00-2	Aldrin	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
57-74-9	Chlordane, total	ND		ug/kg dry	69.9	69.9	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
72-20-8	Endrin	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.74	8.74	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
8001-35-2	Toxaphene	ND		ug/kg dry	88.4	88.4	5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:42	JW
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	58.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	86.8 %			30-140						



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Date Received

14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.882	0.882	50	EPA 8082A	11/04/2014 14:16	11/06/2014 15:45	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.882	0.882	50	EPA 8082A	11/04/2014 14:16	11/06/2014 15:45	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.882	0.882	50	EPA 8082A	11/04/2014 14:16	11/06/2014 15:45	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.882	0.882	50	EPA 8082A	11/04/2014 14:16	11/06/2014 15:45	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.882	0.882	50	EPA 8082A	11/04/2014 14:16	11/06/2014 15:45	AMC
11097-69-1	Aroclor 1254	35.6		mg/kg dry	0.882	0.882	50	EPA 8082A	11/04/2014 14:16	11/06/2014 15:45	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.882	0.882	50	EPA 8082A	11/04/2014 14:16	11/06/2014 15:45	AMC
1336-36-3	* Total PCBs	35.6		mg/kg dry	0.882	0.882	50	EPA 8082A	11/04/2014 14:16	11/06/2014 15:45	AMC
	Surrogate Recoveries	Result				Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	100 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	150 %	S-06			30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	2600	B	mg/kg dry	1.06	1.06	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.529	0.529	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7440-38-2	Arsenic	1.51		mg/kg dry	1.06	1.06	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7440-39-3	Barium	27.6		mg/kg dry	1.06	1.06	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.106	0.106	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.318	0.318	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7440-70-2	Calcium	12100	B	mg/kg dry	0.529	5.29	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7440-47-3	Chromium	7.84		mg/kg dry	0.529	0.529	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7440-48-4	Cobalt	3.37		mg/kg dry	0.529	0.529	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7440-50-8	Copper	9.24		mg/kg dry	0.529	0.529	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7439-89-6	Iron	10100	B	mg/kg dry	2.12	2.12	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7439-92-1	Lead	17.9		mg/kg dry	0.318	0.318	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7439-95-4	Magnesium	2300		mg/kg dry	5.29	5.29	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7439-96-5	Manganese	151		mg/kg dry	0.529	0.529	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7440-02-0	Nickel	10.6		mg/kg dry	0.529	0.529	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7440-09-7	Potassium	722	B	mg/kg dry	5.29	5.29	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7782-49-2	Selenium	3.33		mg/kg dry	1.06	1.06	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7440-22-4	Silver	ND		mg/kg dry	0.529	0.529	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7440-23-5	Sodium	34.7		mg/kg dry	10.6	10.6	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.06	1.06	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7440-62-2	Vanadium	10.5		mg/kg dry	1.06	1.06	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC
7440-66-6	Zinc	23.8	B	mg/kg dry	1.06	1.06	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:23	AMC



Sample Information

Client Sample ID: SB-14 (0'-2') **York Sample ID:** 14J1187-01
York Project (SDG) No.: 14J1187 **Client Project ID:** 14-133-1269 131-18 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 29, 2014 3:00 pm **Date Received:** 10/30/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0633		mg/kg dry	0.0318	0.0318	1	EPA 7473	11/04/2014 15:48	11/04/2014 17:15	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.4		%	0.100	0.100	1	SM 2540G	11/05/2014 09:09	11/05/2014 15:27	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.371	0.529	1	EPA 7196A	11/06/2014 07:32	11/06/2014 15:01	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	7.40		mg/kg	0.250	0.500	1	Calculation	11/06/2014 15:03	11/06/2014 15:07	SC

Sample Information

Client Sample ID: SB-14 (15'-17') **York Sample ID:** 14J1187-02
York Project (SDG) No.: 14J1187 **Client Project ID:** 14-133-1269 131-18 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 29, 2014 3:00 pm **Date Received:** 10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS



Sample Information

Client Sample ID: SB-14 (15'-17')

York Sample ID: 14J1187-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
67-64-1	Acetone	8.8	J	ug/kg dry	5.8	12	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
107-02-8	Acrolein	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS



Sample Information

Client Sample ID: SB-14 (15'-17')

York Sample ID: 14J1187-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.7	17	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:08	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	92.9 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	93.6 %			76-130						
2037-26-5	Surrogate: Toluene-d8	109 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
98-86-2	Acetophenone	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
62-53-3	Aniline	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
120-12-7	Anthracene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
1912-24-9	Atrazine	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
92-87-5	Benzidine	ND		ug/kg dry	168	336	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	84.7	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
65-85-0	Benzoic acid	ND		ug/kg dry	115	336	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH



Sample Information

Client Sample ID: SB-14 (15'-17')

York Sample ID: 14J1187-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	84.7	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
105-60-2	Caprolactam	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
86-74-8	Carbazole	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	84.7	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	84.7	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
218-01-9	Chrysene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	168	336	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	84.7	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	84.7	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	168	336	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	84.7	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
206-44-0	Fluoranthene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
86-73-7	Fluorene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	84.7	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH



Sample Information

Client Sample ID: SB-14 (15'-17')

York Sample ID: 14J1187-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
78-59-1	Isophorone	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	84.7	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	84.7	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
91-20-3	Naphthalene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	84.7	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	84.7	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	84.7	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	84.7	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	84.7	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
85-01-8	Phenanthrene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
108-95-2	Phenol	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
129-00-0	Pyrene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	84.7	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	42.4	168	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:02	KH
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	37.2 %			10-99						
4165-62-2	Surrogate: Phenol-d5	41.5 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	48.8 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	55.7 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	42.5 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	79.6 %			10-123						



Sample Information

Client Sample ID: SB-14 (15'-17')

York Sample ID: 14J1187-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
						LOQ						
72-54-8	4,4'-DDD	ND		ug/kg dry	1.66	1.66		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.66	1.66		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.66	1.66		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
309-00-2	Aldrin	ND		ug/kg dry	1.66	1.66		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.66	1.66		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.66	1.66		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
57-74-9	Chlordane, total	ND		ug/kg dry	66.6	66.6		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.66	1.66		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.66	1.66		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.66	1.66		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.66	1.66		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.66	1.66		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.66	1.66		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
72-20-8	Endrin	ND		ug/kg dry	1.66	1.66		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.66	1.66		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.66	1.66		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.66	1.66		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.66	1.66		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.66	1.66		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.66	1.66		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.32	8.32		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
8001-35-2	Toxaphene	ND		ug/kg dry	84.2	84.2		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:16	JW
	Surrogate Recoveries	Result			Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	82.6 %			30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	86.8 %			30-140							



Sample Information

Client Sample ID: SB-14 (15'-17')

York Sample ID: 14J1187-02

York Project (SDG) No.

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Matrix

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14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0168	0.0168	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:10	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0168	0.0168	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:10	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0168	0.0168	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:10	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0168	0.0168	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:10	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0168	0.0168	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:10	AMC
11097-69-1	Aroclor 1254	0.0250		mg/kg dry	0.0168	0.0168	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:10	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0168	0.0168	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:10	AMC
1336-36-3	* Total PCBs	0.0250		mg/kg dry	0.0168	0.0168	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:10	AMC
	Surrogate Recoveries	Result									
877-09-8	Surrogate: Tetrachloro-m-xylene	75.0 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	63.0 %				30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3630	B	mg/kg dry	1.01	1.01	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.504	0.504	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7440-38-2	Arsenic	ND		mg/kg dry	1.01	1.01	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7440-39-3	Barium	20.2		mg/kg dry	1.01	1.01	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.101	0.101	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.303	0.303	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7440-70-2	Calcium	266	B	mg/kg dry	0.504	5.04	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7440-47-3	Chromium	10.9		mg/kg dry	0.504	0.504	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7440-48-4	Cobalt	4.27		mg/kg dry	0.504	0.504	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7440-50-8	Copper	6.06		mg/kg dry	0.504	0.504	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7439-89-6	Iron	8310	B	mg/kg dry	2.02	2.02	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7439-92-1	Lead	2.35		mg/kg dry	0.303	0.303	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7439-95-4	Magnesium	1170		mg/kg dry	5.04	5.04	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7439-96-5	Manganese	98.5		mg/kg dry	0.504	0.504	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7440-02-0	Nickel	12.0		mg/kg dry	0.504	0.504	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7440-09-7	Potassium	918	B	mg/kg dry	5.04	5.04	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7782-49-2	Selenium	2.26		mg/kg dry	1.01	1.01	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7440-22-4	Silver	ND		mg/kg dry	0.504	0.504	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7440-23-5	Sodium	ND		mg/kg dry	10.1	10.1	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.01	1.01	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7440-62-2	Vanadium	11.1		mg/kg dry	1.01	1.01	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC
7440-66-6	Zinc	13.1	B	mg/kg dry	1.01	1.01	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:40	AMC



Sample Information

Client Sample ID: SB-14 (15'-17') **York Sample ID:** 14J1187-02
York Project (SDG) No.: 14J1187 **Client Project ID:** 14-133-1269 131-18 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 29, 2014 3:00 pm **Date Received:** 10/30/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0303	0.0303	1	EPA 7473	11/04/2014 15:48	11/04/2014 17:30	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	99.1		%	0.100	0.100	1	SM 2540G	11/05/2014 09:09	11/05/2014 15:27	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.353	0.504	1	EPA 7196A	11/06/2014 07:32	11/06/2014 15:01	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	10.8		mg/kg	0.250	0.500	1	Calculation	11/06/2014 15:03	11/06/2014 15:07	SC

Sample Information

Client Sample ID: SB-15 (0'-2') **York Sample ID:** 14J1187-03
York Project (SDG) No.: 14J1187 **Client Project ID:** 14-133-1269 131-18 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 29, 2014 3:00 pm **Date Received:** 10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS



Sample Information

Client Sample ID: SB-15 (0'-2')

York Sample ID: 14J1187-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	40	80	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
67-64-1	Acetone	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
107-02-8	Acrolein	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
71-43-2	Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
75-25-2	Bromoform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
156-59-2	cis-1,2-Dichloroethylene	5.0		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS



Sample Information

Client Sample ID: SB-15 (0'-2')

York Sample ID: 14J1187-03

York Project (SDG) No.

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14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
100-42-5	Styrene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
127-18-4	Tetrachloroethylene	4.3		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
108-88-3	Toluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
79-01-6	Trichloroethylene	27		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/05/2014 16:22	11/06/2014 06:48	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.8 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	94.0 %			76-130						
2037-26-5	Surrogate: Toluene-d8	108 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
62-53-3	Aniline	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
120-12-7	Anthracene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
92-87-5	Benzidine	ND		ug/kg dry	173	344	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
65-85-0	Benzoic acid	ND		ug/kg dry	118	345	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH



Sample Information

Client Sample ID: SB-15 (0'-2')

York Sample ID: 14J1187-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
105-60-2	Caprolactam	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
86-74-8	Carbazole	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
218-01-9	Chrysene	45.5	J	ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	173	344	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	173	345	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
206-44-0	Fluoranthene	88.6	J	ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
86-73-7	Fluorene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH



Sample Information

Client Sample ID: SB-15 (0'-2')

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14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
78-59-1	Isophorone	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
85-01-8	Phenanthrene	44.1	J	ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
108-95-2	Phenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
129-00-0	Pyrene	64.1	J	ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	36.9 %			10-99						
4165-62-2	Surrogate: Phenol-d5	39.5 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	37.0 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	44.9 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	56.1 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	49.4 %			10-123						

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH



Sample Information

Client Sample ID: SB-15 (0'-2')

York Sample ID: 14J1187-03

York Project (SDG) No.

Client Project ID

Matrix

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14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
120-12-7	Anthracene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
92-87-5	Benzidine	ND		ug/kg dry	173	344	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
65-85-0	Benzoic acid	ND		ug/kg dry	118	345	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
105-60-2	Caprolactam	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
86-74-8	Carbazole	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
218-01-9	Chrysene	45.5	J	ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	173	344	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	173	345	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH



Sample Information

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14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
206-44-0	Fluoranthene	88.6	J	ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
86-73-7	Fluorene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
78-59-1	Isophorone	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
85-01-8	Phenanthrene	44.1	J	ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
108-95-2	Phenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
129-00-0	Pyrene	64.1	J	ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	86.9	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.4	172	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:40	KH
	Surrogate Recoveries	Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	36.9 %		10-99							
4165-62-2	Surrogate: Phenol-d5	39.5 %		10-108							



Sample Information

Client Sample ID: SB-15 (0'-2')

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Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	Surrogate: Nitrobenzene-d5	37.0 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	44.9 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	56.1 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	49.4 %			10-123						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
50-29-3	4,4'-DDT	147		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
309-00-2	Aldrin	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
57-74-9	Chlordane, total	ND		ug/kg dry	68.2	68.2	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
72-20-8	Endrin	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.53	8.53	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
8001-35-2	Toxaphene	ND		ug/kg dry	86.3	86.3	5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:31	JW
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	70.4 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	73.1 %			30-140						



Sample Information

Client Sample ID: SB-15 (0'-2')

York Sample ID: 14J1187-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0172	0.0172	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:29	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0172	0.0172	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:29	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0172	0.0172	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:29	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0172	0.0172	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:29	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0172	0.0172	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:29	AMC
11097-69-1	Aroclor 1254	0.859		mg/kg dry	0.0172	0.0172	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:29	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0172	0.0172	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:29	AMC
1336-36-3	* Total PCBs	0.859		mg/kg dry	0.0172	0.0172	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:29	AMC
	Surrogate Recoveries	Result									
877-09-8	Surrogate: Tetrachloro-m-xylene	61.0 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	56.0 %				30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	2580	B	mg/kg dry	1.03	1.03	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.517	0.517	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7440-38-2	Arsenic	1.32		mg/kg dry	1.03	1.03	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7440-39-3	Barium	37.1		mg/kg dry	1.03	1.03	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.103	0.103	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.310	0.310	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7440-70-2	Calcium	3740	B	mg/kg dry	0.517	5.17	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7440-47-3	Chromium	20.4		mg/kg dry	0.517	0.517	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7440-48-4	Cobalt	3.90		mg/kg dry	0.517	0.517	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7440-50-8	Copper	11.1		mg/kg dry	0.517	0.517	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7439-89-6	Iron	10800	B	mg/kg dry	2.07	2.07	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7439-92-1	Lead	31.3		mg/kg dry	0.310	0.310	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7439-95-4	Magnesium	1190		mg/kg dry	5.17	5.17	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7439-96-5	Manganese	193		mg/kg dry	0.517	0.517	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7440-02-0	Nickel	17.2		mg/kg dry	0.517	0.517	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7440-09-7	Potassium	695	B	mg/kg dry	5.17	5.17	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7782-49-2	Selenium	2.85		mg/kg dry	1.03	1.03	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7440-22-4	Silver	ND		mg/kg dry	0.517	0.517	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7440-23-5	Sodium	25.2		mg/kg dry	10.3	10.3	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.03	1.03	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7440-62-2	Vanadium	11.1		mg/kg dry	1.03	1.03	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC
7440-66-6	Zinc	32.6	B	mg/kg dry	1.03	1.03	1	EPA 6010C	11/04/2014 13:42	11/04/2014 22:57	AMC



Sample Information

Client Sample ID: SB-15 (0'-2') **York Sample ID:** 14J1187-03
York Project (SDG) No.: 14J1187 **Client Project ID:** 14-133-1269 131-18 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 29, 2014 3:00 pm **Date Received:** 10/30/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0331		mg/kg dry	0.0310	0.0310	1	EPA 7473	11/04/2014 15:48	11/04/2014 17:35	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.7		%	0.100	0.100	1	SM 2540G	11/05/2014 09:09	11/05/2014 15:27	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.362	0.517	1	EPA 7196A	11/06/2014 07:32	11/06/2014 15:01	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	19.7		mg/kg	0.250	0.500	1	Calculation	11/06/2014 15:03	11/06/2014 15:07	SC

Sample Information

Client Sample ID: SB-15 (15'-17') **York Sample ID:** 14J1187-04
York Project (SDG) No.: 14J1187 **Client Project ID:** 14-133-1269 131-18 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 29, 2014 3:00 pm **Date Received:** 10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS



Sample Information

Client Sample ID: SB-15 (15'-17')

York Sample ID: 14J1187-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	93	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
67-64-1	Acetone	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
107-02-8	Acrolein	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS



Sample Information

Client Sample ID: SB-15 (15'-17')

York Sample ID: 14J1187-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.3	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
79-01-6	Trichloroethylene	15		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C	11/05/2014 16:22	11/06/2014 07:29	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.4 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	98.5 %			76-130						
2037-26-5	Surrogate: Toluene-d8	109 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
98-86-2	Acetophenone	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
62-53-3	Aniline	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
120-12-7	Anthracene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
1912-24-9	Atrazine	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
92-87-5	Benzidine	ND		ug/kg dry	178	355	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	89.5	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
65-85-0	Benzoic acid	ND		ug/kg dry	121	355	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH



Sample Information

Client Sample ID: SB-15 (15'-17')

York Sample ID: 14J1187-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	89.5	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
105-60-2	Caprolactam	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
86-74-8	Carbazole	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	89.5	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	89.5	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
218-01-9	Chrysene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	178	355	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	89.5	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.5	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	178	355	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	89.5	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
206-44-0	Fluoranthene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
86-73-7	Fluorene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	89.5	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH



Sample Information

Client Sample ID: SB-15 (15'-17')

York Sample ID: 14J1187-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
78-59-1	Isophorone	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	89.5	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	89.5	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
91-20-3	Naphthalene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.5	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.5	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.5	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	89.5	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	89.5	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
85-01-8	Phenanthrene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
108-95-2	Phenol	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
129-00-0	Pyrene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	89.5	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.7	178	1	EPA 8270D	11/04/2014 07:08	11/04/2014 18:34	KH
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	39.4 %			10-99						
4165-62-2	Surrogate: Phenol-d5	35.3 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	39.5 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	49.2 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	49.5 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	101 %			10-123						



Sample Information

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14-133-1269 131-18 Avery Ave Queens NY

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October 29, 2014 3:00 pm

10/30/2014

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
						LOQ						
72-54-8	4,4'-DDD	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
309-00-2	Aldrin	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
57-74-9	Chlordane, total	ND		ug/kg dry	70.3	70.3		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
72-20-8	Endrin	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.79	8.79		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
8001-35-2	Toxaphene	ND		ug/kg dry	88.9	88.9		5	EPA 8081B	11/04/2014 14:16	11/06/2014 02:46	JW
Surrogate Recoveries		Result			Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	84.4 %			30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	86.2 %			30-140							



Sample Information

Client Sample ID: SB-15 (15'-17')

York Sample ID: 14J1187-04

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14-133-1269 131-18 Avery Ave Queens NY

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October 29, 2014 3:00 pm

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:49	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:49	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:49	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:49	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:49	AMC
11097-69-1	Aroclor 1254	0.0471		mg/kg dry	0.0177	0.0177	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:49	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:49	AMC
1336-36-3	* Total PCBs	0.0471		mg/kg dry	0.0177	0.0177	1	EPA 8082A	11/04/2014 14:16	11/05/2014 16:49	AMC
	Surrogate Recoveries	Result									
877-09-8	Surrogate: Tetrachloro-m-xylene	70.0 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	63.5 %				30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9520	B	mg/kg dry	1.07	1.07	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.533	0.533	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7440-38-2	Arsenic	3.06		mg/kg dry	1.07	1.07	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7440-39-3	Barium	26.0		mg/kg dry	1.07	1.07	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.320	0.320	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7440-70-2	Calcium	840	B	mg/kg dry	0.533	5.33	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7440-47-3	Chromium	18.7		mg/kg dry	0.533	0.533	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7440-48-4	Cobalt	8.47		mg/kg dry	0.533	0.533	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7440-50-8	Copper	8.88		mg/kg dry	0.533	0.533	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7439-89-6	Iron	19000	B	mg/kg dry	2.13	2.13	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7439-92-1	Lead	5.88		mg/kg dry	0.320	0.320	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7439-95-4	Magnesium	2280		mg/kg dry	5.33	5.33	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7439-96-5	Manganese	312		mg/kg dry	0.533	0.533	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7440-02-0	Nickel	17.2		mg/kg dry	0.533	0.533	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7440-09-7	Potassium	674	B	mg/kg dry	5.33	5.33	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7782-49-2	Selenium	4.18		mg/kg dry	1.07	1.07	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7440-22-4	Silver	ND		mg/kg dry	0.533	0.533	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7440-23-5	Sodium	28.6		mg/kg dry	10.7	10.7	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7440-62-2	Vanadium	26.3		mg/kg dry	1.07	1.07	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC
7440-66-6	Zinc	23.0	B	mg/kg dry	1.07	1.07	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:02	AMC



Sample Information

Client Sample ID: SB-15 (15'-17') **York Sample ID:** 14J1187-04
York Project (SDG) No.: 14J1187 **Client Project ID:** 14-133-1269 131-18 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 29, 2014 3:00 pm **Date Received:** 10/30/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0320	0.0320	1	EPA 7473	11/04/2014 15:48	11/04/2014 17:41	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.9		%	0.100	0.100	1	SM 2540G	11/05/2014 09:09	11/05/2014 15:27	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.373	0.533	1	EPA 7196A	11/06/2014 07:32	11/06/2014 15:01	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	17.5		mg/kg	0.250	0.500	1	Calculation	11/06/2014 15:03	11/06/2014 15:07	SC

Sample Information

Client Sample ID: SB-13 (0'-2') **York Sample ID:** 14J1187-05
York Project (SDG) No.: 14J1187 **Client Project ID:** 14-133-1269 131-18 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 29, 2014 3:00 pm **Date Received:** 10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS



Sample Information

Client Sample ID: SB-13 (0'-2')

York Sample ID: 14J1187-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	95	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
67-64-1	Acetone	15		ug/kg dry	4.8	9.5	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
107-02-8	Acrolein	ND		ug/kg dry	4.8	9.5	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.8	9.5	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS



Sample Information

Client Sample ID: SB-13 (0'-2')

York Sample ID: 14J1187-05

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14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.5	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.2	14	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:09	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.8 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	91.7 %			76-130						
2037-26-5	Surrogate: Toluene-d8	108 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
98-86-2	Acetophenone	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
62-53-3	Aniline	ND		ug/kg dry	445	890	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
120-12-7	Anthracene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
1912-24-9	Atrazine	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
92-87-5	Benzidine	ND		ug/kg dry	445	890	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
65-85-0	Benzoic acid	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR



Sample Information

Client Sample ID: SB-13 (0'-2')

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14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
105-60-2	Caprolactam	ND		ug/kg dry	222	444	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
86-74-8	Carbazole	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
218-01-9	Chrysene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	222	444	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	222	444	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
206-44-0	Fluoranthene	160	J	ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
86-73-7	Fluorene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR



Sample Information

Client Sample ID: SB-13 (0'-2')

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14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
78-59-1	Isophorone	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
91-20-3	Naphthalene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	222	444	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	222	444	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	222	444	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	222	444	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
85-01-8	Phenanthrene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
108-95-2	Phenol	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
129-00-0	Pyrene	151	J	ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	222	444	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	222	444	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	111	222	5	EPA 8270D	11/04/2014 07:08	11/05/2014 12:02	SR
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	63.6 %			10-99						
4165-62-2	Surrogate: Phenol-d5	74.5 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	54.7 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	94.9 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	56.4 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	88.2 %			10-123						



Sample Information

Client Sample ID: SB-13 (0'-2')

York Sample ID: 14J1187-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
						LOQ						
72-54-8	4,4'-DDDD	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
309-00-2	Aldrin	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
57-74-9	Chlordane, total	ND		ug/kg dry	70.4	70.4		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
72-20-8	Endrin	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.76	1.76		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.80	8.80		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
8001-35-2	Toxaphene	ND		ug/kg dry	89.0	89.0		5	EPA 8081B	11/04/2014 14:16	11/06/2014 14:57	JW
Surrogate Recoveries		Result			Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	74.9 %			30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	89.6 %			30-140							



Sample Information

Client Sample ID: SB-13 (0'-2')

York Sample ID: 14J1187-05

York Project (SDG) No.

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14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.178	0.178	10	EPA 8082A	11/04/2014 14:16	11/06/2014 15:26	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.178	0.178	10	EPA 8082A	11/04/2014 14:16	11/06/2014 15:26	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.178	0.178	10	EPA 8082A	11/04/2014 14:16	11/06/2014 15:26	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.178	0.178	10	EPA 8082A	11/04/2014 14:16	11/06/2014 15:26	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.178	0.178	10	EPA 8082A	11/04/2014 14:16	11/06/2014 15:26	AMC
11097-69-1	Aroclor 1254	5.79		mg/kg dry	0.178	0.178	10	EPA 8082A	11/04/2014 14:16	11/06/2014 15:26	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.178	0.178	10	EPA 8082A	11/04/2014 14:16	11/06/2014 15:26	AMC
1336-36-3	* Total PCBs	5.79		mg/kg dry	0.178	0.178	10	EPA 8082A	11/04/2014 14:16	11/06/2014 15:26	AMC
	Surrogate Recoveries	Result									
877-09-8	Surrogate: Tetrachloro-m-xylene	90.0 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	85.0 %				30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4590	B	mg/kg dry	1.07	1.07	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.533	0.533	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7440-38-2	Arsenic	5.04		mg/kg dry	1.07	1.07	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7440-39-3	Barium	76.4		mg/kg dry	1.07	1.07	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.320	0.320	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7440-70-2	Calcium	110000	B	mg/kg dry	0.533	5.33	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7440-47-3	Chromium	9.88		mg/kg dry	0.533	0.533	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7440-48-4	Cobalt	4.41		mg/kg dry	0.533	0.533	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7440-50-8	Copper	18.0		mg/kg dry	0.533	0.533	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7439-89-6	Iron	17100	B	mg/kg dry	2.13	2.13	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7439-92-1	Lead	70.8		mg/kg dry	0.320	0.320	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7439-95-4	Magnesium	12200		mg/kg dry	5.33	5.33	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7439-96-5	Manganese	375		mg/kg dry	0.533	0.533	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7440-02-0	Nickel	16.0		mg/kg dry	0.533	0.533	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7440-09-7	Potassium	933	B	mg/kg dry	5.33	5.33	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7782-49-2	Selenium	5.20		mg/kg dry	1.07	1.07	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7440-22-4	Silver	ND		mg/kg dry	0.533	0.533	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7440-23-5	Sodium	99.6		mg/kg dry	10.7	10.7	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7440-62-2	Vanadium	15.4		mg/kg dry	1.07	1.07	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC
7440-66-6	Zinc	54.2	B	mg/kg dry	1.07	1.07	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:06	AMC



Sample Information

Client Sample ID: SB-13 (0'-2') **York Sample ID:** 14J1187-05
York Project (SDG) No.: 14J1187 **Client Project ID:** 14-133-1269 131-18 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 29, 2014 3:00 pm **Date Received:** 10/30/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0733		mg/kg dry	0.0320	0.0320	1	EPA 7473	11/04/2014 15:48	11/04/2014 17:46	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.8		%	0.100	0.100	1	SM 2540G	11/05/2014 09:09	11/05/2014 15:27	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.373	0.533	1	EPA 7196A	11/06/2014 07:32	11/06/2014 15:01	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	9.27		mg/kg	0.250	0.500	1	Calculation	11/06/2014 15:03	11/06/2014 15:07	SC

Sample Information

Client Sample ID: SB-13 (15'-17') **York Sample ID:** 14J1187-06
York Project (SDG) No.: 14J1187 **Client Project ID:** 14-133-1269 131-18 Avery Ave Queens NY **Matrix:** Soil **Collection Date/Time:** October 29, 2014 3:00 pm **Date Received:** 10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS



Sample Information

Client Sample ID: SB-13 (15'-17')

York Sample ID: 14J1187-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	76	150	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
591-78-6	2-Hexanone	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
67-64-1	Acetone	ND		ug/kg dry	7.6	15	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
107-02-8	Acrolein	ND		ug/kg dry	7.6	15	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
71-43-2	Benzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
75-25-2	Bromoform	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
67-66-3	Chloroform	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
79-20-9	Methyl acetate	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
75-09-2	Methylene chloride	ND		ug/kg dry	7.6	15	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS



Sample Information

Client Sample ID: SB-13 (15'-17')

York Sample ID: 14J1187-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.6	15	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
100-42-5	Styrene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
108-88-3	Toluene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	11	23	1	EPA 8260C	11/05/2014 16:22	11/06/2014 08:50	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.0 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	90.8 %			76-130						
2037-26-5	Surrogate: Toluene-d8	107 %			85-120						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
62-53-3	Aniline	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
120-12-7	Anthracene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
92-87-5	Benzidine	ND		ug/kg dry	173	346	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	87.2	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
65-85-0	Benzoic acid	ND		ug/kg dry	118	346	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH



Sample Information

Client Sample ID: SB-13 (15'-17')

York Sample ID: 14J1187-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	87.2	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
105-60-2	Caprolactam	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
86-74-8	Carbazole	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	87.2	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	87.2	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
218-01-9	Chrysene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	173	346	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	87.2	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.2	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	173	346	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	87.2	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
206-44-0	Fluoranthene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
86-73-7	Fluorene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	87.2	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH



Sample Information

Client Sample ID: SB-13 (15'-17')

York Sample ID: 14J1187-06

York Project (SDG) No.

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Collection Date/Time

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14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
78-59-1	Isophorone	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	87.2	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	87.2	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.2	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.2	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.2	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	87.2	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	87.2	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
85-01-8	Phenanthrene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
108-95-2	Phenol	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
129-00-0	Pyrene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	87.2	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.6	173	1	EPA 8270D	11/04/2014 07:08	11/04/2014 19:10	KH
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	35.9 %			10-99						
4165-62-2	Surrogate: Phenol-d5	38.1 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	30.4 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	46.3 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	73.9 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	68.1 %			10-123						



Sample Information

Client Sample ID: SB-13 (15'-17')

York Sample ID: 14J1187-06

York Project (SDG) No.

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14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to	Dilution	Reference Method	Date/Time	Date/Time	Analyst
						LOQ			Prepared	Analyzed	
72-54-8	4,4'-DDD	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
72-55-9	4,4'-DDE	3.71		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
50-29-3	4,4'-DDT	31.2		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
309-00-2	Aldrin	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
57-74-9	Chlordane, total	ND		ug/kg dry	68.5	68.5	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
72-20-8	Endrin	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.71	1.71	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.56	8.56	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
8001-35-2	Toxaphene	ND		ug/kg dry	86.7	86.7	5	EPA 8081B	11/04/2014 14:16	11/06/2014 03:01	JW
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	64.9 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	62.6 %			30-140						



Sample Information

Client Sample ID: SB-13 (15'-17')

York Sample ID: 14J1187-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1187

14-133-1269 131-18 Avery Ave Queens NY

Soil

October 29, 2014 3:00 pm

10/30/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	11/04/2014 14:16	11/05/2014 18:06	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	11/04/2014 14:16	11/05/2014 18:06	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	11/04/2014 14:16	11/05/2014 18:06	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	11/04/2014 14:16	11/05/2014 18:06	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	11/04/2014 14:16	11/05/2014 18:06	AMC
11097-69-1	Aroclor 1254	0.367		mg/kg dry	0.0173	0.0173	1	EPA 8082A	11/04/2014 14:16	11/05/2014 18:06	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0173	0.0173	1	EPA 8082A	11/04/2014 14:16	11/05/2014 18:06	AMC
1336-36-3	* Total PCBs	0.367		mg/kg dry	0.0173	0.0173	1	EPA 8082A	11/04/2014 14:16	11/05/2014 18:06	AMC
	Surrogate Recoveries	Result									
877-09-8	Surrogate: Tetrachloro-m-xylene	59.0 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	48.5 %				30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7180	B	mg/kg dry	1.04	1.04	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7440-36-0	Antimony	ND		mg/kg dry	0.519	0.519	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7440-38-2	Arsenic	1.05		mg/kg dry	1.04	1.04	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7440-39-3	Barium	50.0		mg/kg dry	1.04	1.04	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7440-41-7	Beryllium	ND		mg/kg dry	0.104	0.104	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7440-43-9	Cadmium	ND		mg/kg dry	0.311	0.311	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7440-70-2	Calcium	786	B	mg/kg dry	0.519	5.19	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7440-47-3	Chromium	18.4		mg/kg dry	0.519	0.519	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7440-48-4	Cobalt	11.2		mg/kg dry	0.519	0.519	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7440-50-8	Copper	12.4		mg/kg dry	0.519	0.519	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7439-89-6	Iron	16600	B	mg/kg dry	2.08	2.08	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7439-92-1	Lead	3.67		mg/kg dry	0.311	0.311	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7439-95-4	Magnesium	2920		mg/kg dry	5.19	5.19	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7439-96-5	Manganese	255		mg/kg dry	0.519	0.519	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7440-02-0	Nickel	18.4		mg/kg dry	0.519	0.519	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7440-09-7	Potassium	2250	B	mg/kg dry	5.19	5.19	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7782-49-2	Selenium	4.37		mg/kg dry	1.04	1.04	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7440-22-4	Silver	ND		mg/kg dry	0.519	0.519	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7440-23-5	Sodium	85.2		mg/kg dry	10.4	10.4	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7440-28-0	Thallium	ND		mg/kg dry	1.04	1.04	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7440-62-2	Vanadium	25.2		mg/kg dry	1.04	1.04	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC
7440-66-6	Zinc	29.9	B	mg/kg dry	1.04	1.04	1	EPA 6010C	11/04/2014 13:42	11/04/2014 23:11	AMC



Sample Information

Client Sample ID: SB-13 (15'-17') **York Sample ID:** 14J1187-06
York Project (SDG) No. 14J1187 **Client Project ID** 14-133-1269 131-18 Avery Ave Queens NY **Matrix** Soil **Collection Date/Time** October 29, 2014 3:00 pm **Date Received** 10/30/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0311	0.0311	1	EPA 7473	11/04/2014 15:48	11/04/2014 17:52	AAkba

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.3		%	0.100	0.100	1	SM 2540G	11/05/2014 09:09	11/05/2014 15:27	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.363	0.519	1	EPA 7196A	11/06/2014 07:32	11/06/2014 15:01	SC

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	17.7		mg/kg	0.250	0.500	1	Calculation	11/06/2014 15:03	11/06/2014 15:07	SC



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14J1187-01	SB-14 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14J1187-02	SB-14 (15'-17')	40mL Vial with Stir Bar-Cool 4° C
14J1187-03	SB-15 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14J1187-04	SB-15 (15'-17')	40mL Vial with Stir Bar-Cool 4° C
14J1187-05	SB-13 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14J1187-06	SB-13 (15'-17')	40mL Vial with Stir Bar-Cool 4° C



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
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-MISpk	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The SRM was within acceptance limits, therefore data are acceptable.
M-HCSpk	Sample conc. >10 X spike conc.
M-DB	Analyte in Method Blank >MDL. Sample conc. >10 X blank conc.
M-CCVO	CCV Out. Samples bracketed by acceptable CCVs.
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.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
<hr/>	
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW -846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.



If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

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. 14J1187

YOUR Information Company: Athenica Env. Serv. Address: 45-09 Greenpoint Avenue, Queens, NY 1104 Phone No. (718) 784-7490 Contact Person: Egzi Karayel E-Mail Address: ekarayel@athenica.com	Report To: Company: <u>STATE</u> Address: <u>STATE</u> Phone No. <u>STATE</u> Attention: <u>STATE</u> E-Mail Address:	Invoice To: Company: <u>STATE</u> Address: <u>STATE</u> Phone No. <u>STATE</u> Attention: <u>STATE</u> E-Mail Address:	YOUR Project ID <u>14-133-1269-131-18 Avery Avenue, Queens, NY</u> Purchase Order No.	Turn-Around Time RUSH - Same Day RUSH - Next Day RUSH - Two Day RUSH - Three Day RUSH - Four Day Standard(5-7 Days) X	Report Type/Deliverables Summary Report Summary w/ QA Summary CT RCP Package NY ASP A Package NY ASP B Package <u>Electronic Deliverables</u> EDD (Specify Type) Excel <u>X</u>
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Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature) Egzi Karayel
Name (printed) Egzi Karayel

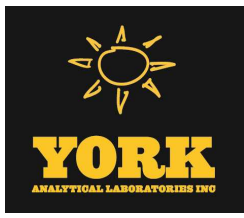
Matrix Codes	Volatiles	Semi-Vols. (see PCB list)	Metals	Misc. Org.	Full Lists	Common Miscellaneous Parameters	Special Instructions
S - soil Other - specify (vol., etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor	8260 full ICS Site Spec. STARS list Nassau Co. BTEX MTBE TCL list FAGM list CT RCP list Arom. only Halog. only App. IX list SPLP/TCLP list 8021B list	8270 or 625 STARS list BS Only Acids Only PAH list DAGM list CT RCP list TCL list NIDEP list App. IX TCLP/BNA SPLP/TCLP	RCRAS PPL3 list TAL C115 list FAGM list NIDEP list Total Dissolved SPLP/TCLP LIST Below	TPH GRO CT/TPH NY 310-13 TPH 1664 Air 1014A Air 1015 Air STARS Air VPH Air ICS Methane Helium	Pri. Poll. TCL Organics EM/MeCN Full TCLP Full App. IX Part 304/305 Part 304/305 Part 304/305 NYSDJP NYSDJP TAGM	Conductivity Reactivity Ignitability Flash Point Sieve Anal. Heteroatoms Chloride Phosphate Tox. Phos. Oil & Grease FOAG pH MBAS Silica	Color Phenols Cyanide-F Cyanide-A BOD5 BOD28 COD TSS Total Solids TDS TPH-test

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB-14 (0'-2')	10/29/14	S	8260, 8270, 8081/8082, TAL metals, Chromium hexavalent, Chromium trivalent	1 liter cone, 1-807 jar
SB-14 (15'-17')				
SB-15 (0'-2')				
SB-15 (15'-17')				
SB-13 (0'-2')				
SB-13 (15'-17')				

Comments 11E" Designation Project	Preservation Check those Applicable 4°C _____ Frozen _____ HCl _____ ZnAc _____ MeOH _____ Ascorbic Acid _____ HNO ₃ _____ Other _____ H ₂ O ₂ _____ NaOH _____	Temperature on Receipt 3.8 °C
	Samples Relinquished By <u>WAM</u> Date/Time <u>10/30/14 9:00 AM</u>	Samples Received By <u>KBanka</u> Date/Time <u>10/30/14 9:00 AM</u>
	Samples Relinquished By _____ Date/Time _____	Samples Received in LAB by _____ Date/Time _____

APPENDIX G

LABORATORY DELIVERABLES FOR GROUNDWATER ANALYTICAL DATA



Technical Report

prepared for:

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

Report Date: 05/30/2014
Client Project ID: 14-132-0587-131-18 Avery Avenue, Queens
York Project (SDG) No.: 14E0922

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 05/30/2014
Client Project ID: 14-132-0587-131-18 Avery Avenue, Queens
York Project (SDG) No.: 14E0922

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 22, 2014 and listed below. The project was identified as your project: **14-132-0587-131-18 Avery Avenue, Queens.**

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14E0922-01	GW-1	Water	05/21/2014	05/22/2014

General Notes for York Project (SDG) No.: 14E0922

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 05/30/2014





Sample Information

Client Sample ID: GW-1

York Sample ID: 14E0922-01

York Project (SDG) No.
14E0922

Client Project ID
14-132-0587-131-18 Avery Avenue, Queens

Matrix
Water

Collection Date/Time
May 21, 2014 3:00 pm

Date Received
05/22/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
71-55-6	1,1,1-Trichloroethane	0.93		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.5		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
75-34-3	1,1-Dichloroethane	6.0		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
75-35-4	1,1-Dichloroethylene	2.0		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
78-93-3	2-Butanone	ND		ug/L	0.50	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
67-64-1	Acetone	1.5	J, B	ug/L	1.0	2.0	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
67-66-3	Chloroform	0.32	J	ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK



Sample Information

Client Sample ID: GW-1

York Sample ID: 14E0922-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14E0922

14-132-0587-131-18 Avery Avenue, Queens

Water

May 21, 2014 3:00 pm

05/22/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	3.7	CCV-E	ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	1.2		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
127-18-4	Tetrachloroethylene	7.8		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
108-88-3	Toluene	0.75		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
79-01-6	Trichloroethylene	7.0		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/28/2014 16:07	05/29/2014 01:43	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	81-123								
460-00-4	Surrogate: p-Bromofluorobenzene	102 %	70-128								
2037-26-5	Surrogate: Toluene-d8	101 %	88-114								



Sample Information

Client Sample ID: GW-1

York Sample ID: 14E0922-01

York Project (SDG) No.

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14E0922

14-132-0587-131-18 Avery Avenue, Queens

Water

May 21, 2014 3:00 pm

05/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR



Sample Information

Client Sample ID: GW-1

York Sample ID: 14E0922-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14E0922

14-132-0587-131-18 Avery Avenue, Queens

Water

May 21, 2014 3:00 pm

05/22/2014

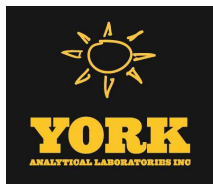
Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR



Sample Information

Client Sample ID: GW-1

York Sample ID: 14E0922-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14E0922

14-132-0587-131-18 Avery Avenue, Queens

Water

May 21, 2014 3:00 pm

05/22/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/28/2014 07:48	05/30/2014 01:25	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	18.3 %			10-53						
4165-62-2	Surrogate: Phenol-d5	12.0 %			10-39						
4165-60-0	Surrogate: Nitrobenzene-d5	71.5 %			10-120						
321-60-8	Surrogate: 2-Fluorobiphenyl	66.3 %			10-108						
5175-83-7	Surrogate: 2,4,6-Tribromophenol	65.9 %			10-150						
1718-51-0	Surrogate: Terphenyl-d14	125 %			10-143						

Pesticides/PCBs, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B/8082A	05/27/2014 07:42	05/28/2014 12:37	JW
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	05/27/2014 07:42	05/28/2014 12:37	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	05/27/2014 07:42	05/28/2014 12:37	JW
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	05/27/2014 07:42	05/28/2014 12:37	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	05/27/2014 07:42	05/28/2014 12:37	JW
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B/8082A	05/27/2014 07:42	05/28/2014 12:37	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B/8082A	05/27/2014 07:42	05/28/2014 12:37	JW
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	05/27/2014 07:42	05/28/2014 12:37	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	05/27/2014 07:42	05/28/2014 12:37	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	05/27/2014 07:42	05/28/2014 12:37	JW
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	05/27/2014 07:42	05/28/2014 12:37	JW
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B/8082A	05/27/2014 07:42	05/28/2014 12:37	JW
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	05/27/2014 07:42	05/28/2014 12:37	JW
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B/8082A	05/27/2014 07:42	05/28/2014 12:37	JW
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	05/27/2014 07:42	05/28/2014 12:37	JW
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	05/27/2014 07:42	05/28/2014 12:37	JW
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	05/27/2014 07:42	05/28/2014 12:37	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	05/27/2014 07:42	05/28/2014 12:37	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	05/27/2014 07:42	05/28/2014 12:37	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	05/27/2014 07:42	05/28/2014 12:37	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0433	0.0513	1	EPA 8081B/8082A	05/27/2014 07:42	05/27/2014 12:24	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0433	0.0513	1	EPA 8081B/8082A	05/27/2014 07:42	05/27/2014 12:24	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	05/27/2014 07:42	05/27/2014 12:24	JW



Sample Information

Client Sample ID: GW-1

York Sample ID: 14E0922-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14E0922

14-132-0587-131-18 Avery Avenue, Queens

Water

May 21, 2014 3:00 pm

05/22/2014

Pesticides/PCBs, EPA TCL List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	05/27/2014 07:42	05/27/2014 12:24	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	05/27/2014 07:42	05/27/2014 12:24	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	05/27/2014 07:42	05/27/2014 12:24	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	05/27/2014 07:42	05/27/2014 12:24	JW
1336-36-3	* Total PCBs	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	05/27/2014 07:42	05/27/2014 12:24	JW
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	38.4 %				30-120					
2051-24-3	Surrogate: Decachlorobiphenyl	25.7 %	GC-Sur			30-120					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.022		mg/L	0.010	0.010	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7440-39-3	Barium	0.056		mg/L	0.010	0.010	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7440-70-2	Calcium	70.8		mg/L	0.050	0.050	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7439-95-4	Magnesium	33.4		mg/L	0.050	0.050	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7439-96-5	Manganese	0.223		mg/L	0.005	0.005	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7440-09-7	Potassium	3.58		mg/L	0.050	0.050	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7440-23-5	Sodium	132		mg/L	0.100	0.100	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW
7440-66-6	Zinc	ND		mg/L	0.010	0.010	1	EPA 6010C	05/28/2014 12:37	05/28/2014 20:19	MW

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: GW-1

York Sample ID: 14E0922-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14E0922

14-132-0587-131-18 Avery Avenue, Queens

Water

May 21, 2014 3:00 pm

05/22/2014

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.022		mg/L	0.010	0.010	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7440-39-3	Barium	0.056		mg/L	0.010	0.010	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7440-70-2	Calcium	70.8		mg/L	0.050	0.050	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7439-95-4	Magnesium	33.4		mg/L	0.050	0.050	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7439-96-5	Manganese	0.223		mg/L	0.005	0.005	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7440-09-7	Potassium	3.58		mg/L	0.050	0.050	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7440-23-5	Sodium	132		mg/L	0.100	0.100	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW
7440-66-6	Zinc	ND		mg/L	0.010	0.010	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:19	MW

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	05/27/2014 10:36	05/27/2014 15:50	AA

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00003900	0.0002000	1	EPA 7470	05/27/2014 10:36	05/27/2014 15:50	AA



Sample Information

Client Sample ID: GW-1

York Sample ID: 14E0922-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14E0922

14-132-0587-131-18 Avery Avenue, Queens

Water

May 21, 2014 3:00 pm

05/22/2014

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	0.0100	1	EPA 7196A	05/23/2014 17:45	05/23/2014 18:13	AD

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: *** DEFAULT PREP ***

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.00800	0.0100	1	Calculation	05/30/2014 14:45	05/30/2014 14:46	SC



Analytical Batch Summary

Batch ID: BE41338 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
14E0922-01	GW-1	05/23/14
BE41338-BLK1	Blank	05/23/14
BE41338-BS1	LCS	05/23/14

Batch ID: BE41349 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
14E0922-01	GW-1	05/27/14
BE41349-BLK1	Blank	05/27/14
BE41349-BS1	LCS	05/27/14
BE41349-BS2	LCS	05/27/14
BE41349-BSD1	LCS Dup	05/27/14

Batch ID: BE41381 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14E0922-01	GW-1	05/27/14
BE41381-BLK1	Blank	05/27/14
BE41381-BLK2	Blank	05/27/14
BE41381-BS1	LCS	05/27/14
BE41381-BS2	LCS	05/27/14

Batch ID: BE41440 **Preparation Method:** EPA 3510C **Prepared By:** KAT

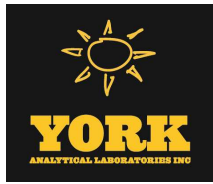
YORK Sample ID	Client Sample ID	Preparation Date
14E0922-01	GW-1	05/28/14
BE41440-BLK1	Blank	05/28/14
BE41440-BS1	LCS	05/28/14
BE41440-BS2	LCS	05/28/14
BE41440-BSD1	LCS Dup	05/28/14

Batch ID: BE41475 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14E0922-01	GW-1	05/28/14
BE41475-BLK1	Blank	05/28/14
BE41475-SRM1	Reference	05/28/14
BE41475-SRM2	Reference	05/28/14

Batch ID: BE41476 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
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14E0922-01	GW-1	05/28/14
BE41476-BLK1	Blank	05/28/14
BE41476-SRM1	Reference	05/28/14
BE41476-SRM2	Reference	05/28/14

Batch ID: BE41523 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14E0922-01	GW-1	05/28/14
BE41523-BLK1	Blank	05/28/14
BE41523-BS1	LCS	05/28/14
BE41523-BSD1	LCS Dup	05/28/14

Batch ID: BE41650 **Preparation Method:** *** DEFAULT PREP *** **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14E0922-01	GW-1	05/30/14



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE41523 - EPA 5030B

Blank (BE41523-BLK1)

Prepared & Analyzed: 05/28/2014

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	80	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	1.5	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE41523 - EPA 5030B

Blank (BE41523-BLK1)

Prepared & Analyzed: 05/28/2014

Styrene	ND	0.50	ug/L								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								

<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>	<i>104</i>	<i>81-123</i>					
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.8</i>		<i>"</i>	<i>10.0</i>	<i>108</i>	<i>70-128</i>					
<i>Surrogate: Toluene-d8</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>	<i>100</i>	<i>88-114</i>					

LCS (BE41523-BS1)

Prepared & Analyzed: 05/28/2014

1,1,1,2-Tetrachloroethane	11		ug/L	10.0	111	85-118					
1,1,1-Trichloroethane	11		"	10.0	108	74-128					
1,1,2,2-Tetrachloroethane	10		"	10.0	102	71-130					
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0	101	51-157					
1,1,2-Trichloroethane	11		"	10.0	110	80-122					
1,1-Dichloroethane	11		"	10.0	108	70-131					
1,1-Dichloroethylene	9.9		"	10.0	99.3	60-143					
1,2,4-Trichlorobenzene	11		"	10.0	111	65-143					
1,2,4-Trimethylbenzene	10		"	10.0	105	83-121					
1,2-Dibromo-3-chloropropane	11		"	10.0	111	60-146					
1,2-Dibromoethane	11		"	10.0	110	82-122					
1,2-Dichlorobenzene	10		"	10.0	105	85-115					
1,2-Dichloroethane	10		"	10.0	105	72-126					
1,2-Dichloropropane	11		"	10.0	109	78-119					
1,3,5-Trimethylbenzene	10		"	10.0	104	84-118					
1,3-Dichlorobenzene	11		"	10.0	107	83-117					
1,4-Dichlorobenzene	11		"	10.0	105	83-118					
1,4-Dioxane	290		"	200	146	34-184					
2-Butanone	12		"	10.0	124	48-156					
2-Hexanone	11		"	10.0	106	50-151					
4-Methyl-2-pentanone	11		"	10.0	111	55-147					
Acetone	8.3		"	10.0	82.9	21-172					
Acrolein	8.3		"	10.0	82.6	10-200					
Acrylonitrile	11		"	10.0	109	49-160					
Benzene	11		"	10.0	109	82-120					
Bromodichloromethane	11		"	10.0	110	84-117					
Bromoform	11		"	10.0	106	77-130					
Bromomethane	8.6		"	10.0	86.1	16-162					
Carbon disulfide	10		"	20.0	51.9	21-78					
Carbon tetrachloride	11		"	10.0	110	72-132					
Chlorobenzene	11		"	10.0	105	88-112					
Chloroethane	7.0		"	10.0	70.1	29-172					
Chloroform	11		"	10.0	108	77-124					
Chloromethane	8.0		"	10.0	80.0	37-131					
cis-1,2-Dichloroethylene	11		"	10.0	108	77-124					
cis-1,3-Dichloropropylene	11		"	10.0	113	81-117					



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE41523 - EPA 5030B

LCS (BE41523-BS1)

Prepared & Analyzed: 05/28/2014

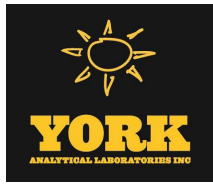
Dibromochloromethane	11		ug/L	10.0		112	72-131				
Dibromomethane	11		"	10.0		112	85-116				
Dichlorodifluoromethane	7.5		"	10.0		75.1	47-152				
Ethyl Benzene	11		"	10.0		110	86-114				
Hexachlorobutadiene	11		"	10.0		105	68-139				
Isopropylbenzene	10		"	10.0		100	84-118				
Methyl acetate	9.1		"	10.0		90.7	20-177				
Methyl tert-butyl ether (MTBE)	11		"	10.0		109	49-156				
Methylene chloride	10		"	10.0		102	51-145				
n-Butylbenzene	11		"	10.0		113	76-125				
n-Propylbenzene	10		"	10.0		101	84-118				
o-Xylene	11		"	10.0		108	85-114				
p- & m- Xylenes	22		"	20.0		109	84-117				
p-Isopropyltoluene	11		"	10.0		108	84-121				
sec-Butylbenzene	10		"	10.0		104	85-119				
Styrene	12		"	10.0		121	77-126				
tert-Butyl alcohol (TBA)	12		"	10.0		121	10-150				
tert-Butylbenzene	10		"	10.0		102	83-119				
Tetrachloroethylene	11		"	10.0		108	75-129				
Toluene	11		"	10.0		108	86-113				
trans-1,2-Dichloroethylene	11		"	10.0		110	55-148				
trans-1,3-Dichloropropylene	11		"	10.0		113	77-120				
Trichloroethylene	11		"	10.0		107	85-115				
Trichlorofluoromethane	9.5		"	10.0		95.3	69-131				
Vinyl Chloride	8.5		"	10.0		85.3	44-152				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.80</i>		<i>"</i>	<i>10.0</i>		<i>98.0</i>	<i>81-123</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.47</i>		<i>"</i>	<i>10.0</i>		<i>94.7</i>	<i>70-128</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.81</i>		<i>"</i>	<i>10.0</i>		<i>98.1</i>	<i>88-114</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41523 - EPA 5030B											
LCS Dup (BE41523-BSD1)											
Prepared & Analyzed: 05/28/2014											
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		107	85-118		3.85	30	
1,1,1-Trichloroethane	10		"	10.0		101	74-128		6.59	30	
1,1,2,2-Tetrachloroethane	9.8		"	10.0		98.0	71-130		3.51	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.9		"	10.0		88.7	51-157		12.6	30	
1,1,2-Trichloroethane	10		"	10.0		103	80-122		6.40	30	
1,1-Dichloroethane	10		"	10.0		103	70-131		4.55	30	
1,1-Dichloroethylene	9.2		"	10.0		91.9	60-143		7.74	30	
1,2,4-Trichlorobenzene	11		"	10.0		108	65-143		2.93	30	
1,2,4-Trimethylbenzene	10		"	10.0		102	83-121		3.20	30	
1,2-Dibromo-3-chloropropane	10		"	10.0		104	60-146		6.78	30	
1,2-Dibromoethane	11		"	10.0		105	82-122		4.37	30	
1,2-Dichlorobenzene	10		"	10.0		103	85-115		1.44	30	
1,2-Dichloroethane	10		"	10.0		103	72-126		2.02	30	
1,2-Dichloropropane	11		"	10.0		106	78-119		2.80	30	
1,3,5-Trimethylbenzene	10		"	10.0		99.8	84-118		3.83	30	
1,3-Dichlorobenzene	10		"	10.0		103	83-117		3.52	30	
1,4-Dichlorobenzene	10		"	10.0		104	83-118		1.63	30	
1,4-Dioxane	280		"	200		142	34-184		3.16	30	
2-Butanone	11		"	10.0		114	48-156		8.46	30	
2-Hexanone	10		"	10.0		100	50-151		5.34	30	
4-Methyl-2-pentanone	10		"	10.0		102	55-147		7.88	30	
Acetone	7.9		"	10.0		79.3	21-172		4.44	30	
Acrolein	7.7		"	10.0		76.7	10-200		7.41	30	
Acrylonitrile	11		"	10.0		111	49-160		2.00	30	
Benzene	10		"	10.0		104	82-120		4.79	30	
Bromodichloromethane	11		"	10.0		106	84-117		3.61	30	
Bromoform	10		"	10.0		102	77-130		3.56	30	
Bromomethane	8.4		"	10.0		84.5	16-162		1.88	30	
Carbon disulfide	9.6		"	20.0		48.2	21-78		7.39	30	
Carbon tetrachloride	9.9		"	10.0		99.4	72-132		10.3	30	
Chlorobenzene	10		"	10.0		102	88-112		2.79	30	
Chloroethane	7.0		"	10.0		69.9	29-172		0.286	30	
Chloroform	10		"	10.0		102	77-124		5.43	30	
Chloromethane	7.5		"	10.0		75.0	37-131		6.45	30	
cis-1,2-Dichloroethylene	10		"	10.0		105	77-124		3.37	30	
cis-1,3-Dichloropropylene	11		"	10.0		112	81-117		1.51	30	
Dibromochloromethane	11		"	10.0		106	72-131		5.95	30	
Dibromomethane	11		"	10.0		107	85-116		4.66	30	
Dichlorodifluoromethane	6.6		"	10.0		65.9	47-152		13.0	30	
Ethyl Benzene	10		"	10.0		104	86-114		4.96	30	
Hexachlorobutadiene	9.9		"	10.0		99.2	68-139		5.97	30	
Isopropylbenzene	9.6		"	10.0		96.1	84-118		4.48	30	
Methyl acetate	8.9		"	10.0		89.2	20-177		1.67	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		102	49-156		6.26	30	
Methylene chloride	10		"	10.0		100	51-145		1.88	30	
n-Butylbenzene	11		"	10.0		107	76-125		4.82	30	
n-Propylbenzene	9.7		"	10.0		97.1	84-118		3.54	30	
o-Xylene	10		"	10.0		104	85-114		3.20	30	
p- & m- Xylenes	21		"	20.0		105	84-117		3.97	30	
p-Isopropyltoluene	10		"	10.0		103	84-121		4.76	30	
sec-Butylbenzene	9.9		"	10.0		99.1	85-119		4.44	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

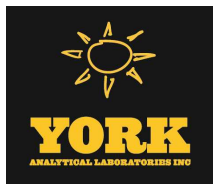
Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch BE41523 - EPA 5030B

LCS Dup (BE41523-BSD1)

Prepared & Analyzed: 05/28/2014

Styrene	11		ug/L	10.0		113	77-126			6.86	30		
tert-Butyl alcohol (TBA)	11		"	10.0		110	10-150			9.27	35.8		
tert-Butylbenzene	9.8		"	10.0		98.1	83-119			3.80	30		
Tetrachloroethylene	10		"	10.0		103	75-129			5.49	30		
Toluene	10		"	10.0		104	86-113			3.79	30		
trans-1,2-Dichloroethylene	10		"	10.0		105	55-148			5.40	30		
trans-1,3-Dichloropropylene	11		"	10.0		108	77-120			4.24	30		
Trichloroethylene	10		"	10.0		103	85-115			3.71	30		
Trichlorofluoromethane	8.5		"	10.0		85.1	69-131			11.3	30		
Vinyl Chloride	7.8		"	10.0		77.8	44-152			9.20	30		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.70</i>		<i>"</i>	<i>10.0</i>		<i>97.0</i>	<i>81-123</i>						
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.61</i>		<i>"</i>	<i>10.0</i>		<i>96.1</i>	<i>70-128</i>						
<i>Surrogate: Toluene-d8</i>	<i>9.95</i>		<i>"</i>	<i>10.0</i>		<i>99.5</i>	<i>88-114</i>						



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE41440 - EPA 3510C

Blank (BE41440-BLK1)

Prepared: 05/28/2014 Analyzed: 05/29/2014

Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benidine	ND	20.0	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
1,1'-Biphenyl	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BE41440 - EPA 3510C

Blank (BE41440-BLK1)

Prepared: 05/28/2014 Analyzed: 05/29/2014

Isophorone	ND	5.00	ug/L										
2-Methylnaphthalene	ND	5.00	"										
2-Methylphenol	ND	5.00	"										
3- & 4-Methylphenols	ND	5.00	"										
Naphthalene	ND	0.0500	"										
3-Nitroaniline	ND	5.00	"										
4-Nitroaniline	ND	5.00	"										
2-Nitroaniline	ND	5.00	"										
Nitrobenzene	ND	0.250	"										
4-Nitrophenol	ND	5.00	"										
2-Nitrophenol	ND	5.00	"										
N-nitroso-di-n-propylamine	ND	5.00	"										
N-Nitrosodimethylamine	ND	0.500	"										
N-Nitrosodiphenylamine	ND	5.00	"										
Pentachlorophenol	ND	0.250	"										
Phenanthrene	ND	0.0500	"										
Phenol	ND	5.00	"										
Pyrene	ND	0.0500	"										
1,2,4-Trichlorobenzene	ND	5.00	"										
2,4,6-Trichlorophenol	ND	5.00	"										
2,4,5-Trichlorophenol	ND	5.00	"										
<i>Surrogate: 2-Fluorophenol</i>	<i>41.4</i>		<i>"</i>	<i>75.0</i>		<i>55.2</i>		<i>10-53</i>					
<i>Surrogate: Phenol-d5</i>	<i>50.3</i>		<i>"</i>	<i>75.1</i>		<i>66.9</i>		<i>10-39</i>					
<i>Surrogate: Nitrobenzene-d5</i>	<i>39.4</i>		<i>"</i>	<i>50.2</i>		<i>78.4</i>		<i>10-120</i>					
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>45.0</i>		<i>"</i>	<i>50.0</i>		<i>90.0</i>		<i>10-108</i>					
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>81.1</i>		<i>"</i>	<i>75.0</i>		<i>108</i>		<i>10-150</i>					
<i>Surrogate: Terphenyl-d14</i>	<i>46.4</i>		<i>"</i>	<i>50.2</i>		<i>92.4</i>		<i>10-143</i>					



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE41440 - EPA 3510C

LCS (BE41440-BS1)

Prepared: 05/28/2014 Analyzed: 05/29/2014

Acenaphthene	38.2	0.0500	ug/L	50.0		76.5	24-114				
Acenaphthylene	36.6	0.0500	"	50.0		73.2	26-112				
Acetophenone	31.2	5.00	"	50.0		62.5	47-92				
Anthracene	39.3	0.0500	"	50.0		78.6	35-114				
Atrazine	33.2	0.500	"	50.0		66.4	43-101				
Benzaldehyde	28.8	5.00	"	50.0		57.7	17-117				
Benzo(a)anthracene	38.8	0.0500	"	50.0		77.5	38-127				
Benzo(a)pyrene	43.0	0.0500	"	50.0		86.1	30-146				
Benzo(b)fluoranthene	44.8	0.0500	"	50.0		89.6	36-145				
Benzo(g,h,i)perylene	46.0	0.0500	"	50.0		91.9	10-163				
Benzoic acid	37.2	50.0	"	50.5		73.6	30-130				
Benzo(k)fluoranthene	33.2	0.0500	"	50.0		66.4	16-149				
Benzyl alcohol	31.9	5.00	"	50.0		63.7	18-75				
Benzyl butyl phthalate	33.6	5.00	"	50.0		67.2	28-129				
1,1'-Biphenyl	31.3	5.00	"	50.0		62.6	21-102				
4-Bromophenyl phenyl ether	43.6	5.00	"	50.0		87.1	38-116				
Caprolactam	29.6	5.00	"	50.0		59.3	10-29	High Bias			
Carbazole	37.6	5.00	"	50.0		75.2	49-116				
Bis(2-chloroethoxy)methane	31.9	5.00	"	50.0		63.8	27-112				
Bis(2-chloroethyl)ether	36.6	5.00	"	50.0		73.3	24-114				
Bis(2-chloroisopropyl)ether	31.2	5.00	"	50.0		62.5	21-124				
2-Chloronaphthalene	38.2	5.00	"	50.0		76.5	40-96				
2-Chlorophenol	38.5	5.00	"	50.0		77.1	35-84				
4-Chlorophenyl phenyl ether	44.6	5.00	"	50.0		89.1	34-112				
Chrysene	39.9	0.0500	"	50.0		79.9	33-120				
Dibenzo(a,h)anthracene	45.8	0.0500	"	50.0		91.6	10-149				
Dibenzofuran	38.8	5.00	"	50.0		77.7	42-105				
Di-n-butyl phthalate	34.2	5.00	"	50.0		68.5	36-110				
1,4-Dichlorobenzene	36.0	5.00	"	50.0		71.9	42-82				
1,2-Dichlorobenzene	37.3	5.00	"	50.0		74.6	42-85				
1,3-Dichlorobenzene	39.4	5.00	"	50.0		78.8	45-80				
3,3'-Dichlorobenzidine	53.7	5.00	"	50.0		107	25-155				
2,4-Dichlorophenol	41.5	5.00	"	50.0		83.1	43-92				
Diethyl phthalate	37.6	5.00	"	50.0		75.1	38-112				
2,4-Dimethylphenol	35.9	5.00	"	50.0		71.9	25-92				
Dimethyl phthalate	40.6	5.00	"	50.0		81.2	49-106				
4,6-Dinitro-2-methylphenol	47.4	5.00	"	50.0		94.7	10-135				
2,4-Dinitrophenol	43.6	5.00	"	50.0		87.1	10-149				
2,4-Dinitrotoluene	42.4	5.00	"	50.0		84.9	41-114				
2,6-Dinitrotoluene	41.5	5.00	"	50.0		83.1	49-106				
Di-n-octyl phthalate	32.8	5.00	"	50.0		65.5	12-149				
1,2-Diphenylhydrazine (as Azobenzene)	30.9	5.00	"	50.0		61.7	16-137				
Bis(2-ethylhexyl)phthalate	37.1	0.500	"	50.0		74.2	10-171				
Fluoranthene	42.8	0.0500	"	50.0		85.7	33-126				
Fluorene	40.9	0.0500	"	50.0		81.8	28-117				
Hexachlorobenzene	35.9	0.0200	"	50.0		71.8	27-120				
Hexachlorobutadiene	48.5	0.500	"	50.0		97.0	25-106				
Hexachlorocyclopentadiene	44.4	5.00	"	50.0		88.8	10-99				
Hexachloroethane	37.1	0.500	"	50.0		74.3	33-84				
Indeno(1,2,3-cd)pyrene	44.2	0.0500	"	50.0		88.4	10-150				
Isophorone	32.9	5.00	"	50.0		65.7	29-115				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE41440 - EPA 3510C

LCS (BE41440-BS1)

Prepared: 05/28/2014 Analyzed: 05/29/2014

2-Methylnaphthalene	37.1	5.00	ug/L	50.0		74.3	33-101				
2-Methylphenol	32.0	5.00	"	50.0		64.0	10-90				
3- & 4-Methylphenols	34.5	5.00	"	50.0		69.0	10-101				
Naphthalene	36.6	0.0500	"	50.0		73.1	30-99				
3-Nitroaniline	37.7	5.00	"	50.0		75.4	29-128				
4-Nitroaniline	32.6	5.00	"	50.0		65.2	15-143				
2-Nitroaniline	37.4	5.00	"	50.0		74.9	31-122				
Nitrobenzene	33.0	0.250	"	50.0		66.1	32-113				
4-Nitrophenol	38.2	5.00	"	50.0		76.4	10-112				
2-Nitrophenol	39.5	5.00	"	50.0		79.0	37-97				
N-nitroso-di-n-propylamine	32.3	5.00	"	50.0		64.6	36-118				
N-Nitrosodimethylamine	22.0	0.500	"	50.0		44.0	10-63				
N-Nitrosodiphenylamine	42.6	5.00	"	50.0		85.3	27-145				
Pentachlorophenol	55.0	0.250	"	50.0		110	19-127				
Phenanthrene	41.6	0.0500	"	50.0		83.2	31-112				
Phenol	30.9	5.00	"	50.0		61.8	10-37	High Bias			
Pyrene	41.3	0.0500	"	50.0		82.5	42-125				
1,2,4-Trichlorobenzene	40.8	5.00	"	50.0		81.6	35-91				
2,4,6-Trichlorophenol	43.4	5.00	"	50.0		86.8	41-107				
2,4,5-Trichlorophenol	42.6	5.00	"	50.0		85.2	36-112				
Surrogate: 2-Fluorophenol	42.9		"	75.0		57.2	10-53				
Surrogate: Phenol-d5	45.1		"	75.1		60.0	10-39				
Surrogate: Nitrobenzene-d5	33.5		"	50.2		66.7	10-120				
Surrogate: 2-Fluorobiphenyl	37.0		"	50.0		74.0	10-108				
Surrogate: 2,4,6-Tribromophenol	73.8		"	75.0		98.3	10-150				
Surrogate: Terphenyl-d14	40.6		"	50.2		81.0	10-143				

LCS (BE41440-BS2)

Prepared: 05/28/2014 Analyzed: 05/29/2014

Acenaphthene	0.930	0.0500	ug/L	1.00		93.0	24-114				
Acenaphthylene	1.16	0.0500	"	1.00		116	26-112	High Bias			
Acetophenone	ND	5.00	"				47-92				
Anthracene	0.320	0.0500	"	1.00		32.0	35-114	Low Bias			
Atrazine	ND	0.500	"				43-101				
Benzaldehyde	ND	5.00	"				17-117				
Benzo(a)anthracene	0.990	0.0500	"	1.00		99.0	38-127				
Benzo(a)pyrene	0.870	0.0500	"	1.00		87.0	30-146				
Benzo(b)fluoranthene	0.830	0.0500	"	1.00		83.0	36-145				
Benzo(g,h,i)perylene	0.820	0.0500	"	1.00		82.0	10-163				
Benzoic acid	ND	50.0	"				30-130				
Benzo(k)fluoranthene	0.990	0.0500	"	1.00		99.0	16-149				
Benzyl alcohol	ND	5.00	"				18-75				
Benzyl butyl phthalate	ND	5.00	"				28-129				
1,1'-Biphenyl	ND	5.00	"				21-102				
4-Bromophenyl phenyl ether	ND	5.00	"				38-116				
Caprolactam	ND	5.00	"				10-29				
Carbazole	ND	5.00	"				49-116				
Bis(2-chloroethoxy)methane	ND	5.00	"				27-112				
Bis(2-chloroethyl)ether	ND	5.00	"				24-114				
Bis(2-chloroisopropyl)ether	ND	5.00	"				21-124				
2-Chloronaphthalene	ND	5.00	"				40-96				
2-Chlorophenol	ND	5.00	"				35-84				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE41440 - EPA 3510C

LCS (BE41440-BS2)

Prepared: 05/28/2014 Analyzed: 05/29/2014

4-Chlorophenyl phenyl ether	ND	5.00	ug/L				34-112				
Chrysene	0.740	0.0500	"	1.00		74.0	33-120				
Dibenzo(a,h)anthracene	0.960	0.0500	"	1.00		96.0	10-149				
Dibenzofuran	ND	5.00	"				42-105				
Di-n-butyl phthalate	ND	5.00	"				36-110				
1,4-Dichlorobenzene	ND	5.00	"				42-82				
1,2-Dichlorobenzene	ND	5.00	"				42-85				
1,3-Dichlorobenzene	ND	5.00	"				45-80				
3,3'-Dichlorobenzidine	ND	5.00	"				25-155				
2,4-Dichlorophenol	ND	5.00	"				43-92				
Diethyl phthalate	ND	5.00	"				38-112				
2,4-Dimethylphenol	ND	5.00	"				25-92				
Dimethyl phthalate	ND	5.00	"				49-106				
4,6-Dinitro-2-methylphenol	ND	5.00	"				10-135				
2,4-Dinitrophenol	ND	5.00	"				10-149				
2,4-Dinitrotoluene	ND	5.00	"				41-114				
2,6-Dinitrotoluene	ND	5.00	"				49-106				
Di-n-octyl phthalate	ND	5.00	"				12-149				
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"				16-137				
Bis(2-ethylhexyl)phthalate	ND	0.500	"				10-171				
Fluoranthene	0.950	0.0500	"	1.00		95.0	33-126				
Fluorene	1.02	0.0500	"	1.00		102	28-117				
Hexachlorobenzene	ND	0.0200	"				27-120				
Hexachlorobutadiene	ND	0.500	"				25-106				
Hexachlorocyclopentadiene	ND	5.00	"				10-99				
Hexachloroethane	ND	0.500	"				33-84				
Indeno(1,2,3-cd)pyrene	1.00	0.0500	"	1.00		100	10-150				
Isophorone	ND	5.00	"				29-115				
2-Methylnaphthalene	ND	5.00	"				33-101				
2-Methylphenol	ND	5.00	"				10-90				
3- & 4-Methylphenols	ND	5.00	"				10-101				
Naphthalene	1.02	0.0500	"	1.00		102	30-99	High Bias			
3-Nitroaniline	ND	5.00	"				29-128				
4-Nitroaniline	ND	5.00	"				15-143				
2-Nitroaniline	ND	5.00	"				31-122				
Nitrobenzene	ND	0.250	"				32-113				
4-Nitrophenol	ND	5.00	"				10-112				
2-Nitrophenol	ND	5.00	"				37-97				
N-nitroso-di-n-propylamine	ND	5.00	"				36-118				
N-Nitrosodimethylamine	ND	0.500	"				10-63				
N-Nitrosodiphenylamine	ND	5.00	"				27-145				
Pentachlorophenol	ND	0.250	"				19-127				
Phenanthrene	1.08	0.0500	"	1.00		108	31-112				
Phenol	ND	5.00	"				10-37				
Pyrene	0.840	0.0500	"	1.00		84.0	42-125				
1,2,4-Trichlorobenzene	ND	5.00	"				35-91				
2,4,6-Trichlorophenol	ND	5.00	"				41-107				
2,4,5-Trichlorophenol	ND	5.00	"				36-112				
Surrogate: 2-Fluorophenol	0.00		"	75.0			10-53				
Surrogate: Phenol-d5	0.00		"	75.1			10-39				
Surrogate: Nitrobenzene-d5	0.00		"	50.2			10-120				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE41440 - EPA 3510C

LCS (BE41440-BS2)

Prepared: 05/28/2014 Analyzed: 05/29/2014

Surrogate: 2-Fluorobiphenyl	0.00		ug/L	50.0			10-108				
Surrogate: 2,4,6-Tribromophenol	0.00		"	75.0			10-150				
Surrogate: Terphenyl-d14	0.00		"	50.2			10-143				

LCS Dup (BE41440-BSD1)

Prepared: 05/28/2014 Analyzed: 05/29/2014

Acenaphthene	40.7	0.0500	ug/L	50.0		81.5	24-114		6.31	20	
Acenaphthylene	39.0	0.0500	"	50.0		78.1	26-112		6.43	20	
Acetophenone	33.2	5.00	"	50.0		66.5	47-92		6.20	20	
Anthracene	42.0	0.0500	"	50.0		84.1	35-114		6.71	20	
Atrazine	36.4	0.500	"	50.0		72.9	43-101		9.22	20	
Benzaldehyde	29.8	5.00	"	50.0		59.6	17-117		3.28	20	
Benzo(a)anthracene	42.3	0.0500	"	50.0		84.6	38-127		8.73	20	
Benzo(a)pyrene	46.5	0.0500	"	50.0		93.0	30-146		7.73	20	
Benzo(b)fluoranthene	50.2	0.0500	"	50.0		100	36-145		11.4	20	
Benzo(g,h,i)perylene	49.6	0.0500	"	50.0		99.1	10-163		7.56	20	
Benzoic acid	40.4	50.0	"	50.5		79.9	30-130		8.15	20	
Benzo(k)fluoranthene	42.7	0.0500	"	50.0		85.4	16-149		24.9	20	Non-dir.
Benzyl alcohol	33.2	5.00	"	50.0		66.4	18-75		4.18	20	
Benzyl butyl phthalate	36.3	5.00	"	50.0		72.6	28-129		7.69	20	
1,1'-Biphenyl	33.8	5.00	"	50.0		67.6	21-102		7.74	20	
4-Bromophenyl phenyl ether	47.0	5.00	"	50.0		94.0	38-116		7.62	20	
Caprolactam	30.5	5.00	"	50.0		60.9	10-29	High Bias	2.70	20	
Carbazole	40.3	5.00	"	50.0		80.5	49-116		6.80	20	
Bis(2-chloroethoxy)methane	33.2	5.00	"	50.0		66.5	27-112		4.08	20	
Bis(2-chloroethyl)ether	39.7	5.00	"	50.0		79.3	24-114		7.89	20	
Bis(2-chloroisopropyl)ether	32.4	5.00	"	50.0		64.9	21-124		3.77	20	
2-Chloronaphthalene	40.8	5.00	"	50.0		81.5	40-96		6.36	20	
2-Chlorophenol	40.6	5.00	"	50.0		81.3	35-84		5.30	20	
4-Chlorophenyl phenyl ether	47.4	5.00	"	50.0		94.9	34-112		6.22	20	
Chrysene	43.6	0.0500	"	50.0		87.1	33-120		8.72	20	
Dibenzo(a,h)anthracene	49.8	0.0500	"	50.0		99.5	10-149		8.24	20	
Dibenzofuran	41.6	5.00	"	50.0		83.3	42-105		6.98	20	
Di-n-butyl phthalate	36.8	5.00	"	50.0		73.7	36-110		7.37	20	
1,4-Dichlorobenzene	37.8	5.00	"	50.0		75.6	42-82		4.96	20	
1,2-Dichlorobenzene	39.3	5.00	"	50.0		78.7	42-85		5.35	20	
1,3-Dichlorobenzene	41.3	5.00	"	50.0		82.6	45-80	High Bias	4.71	20	
3,3'-Dichlorobenzidine	57.9	5.00	"	50.0		116	25-155		7.51	20	
2,4-Dichlorophenol	44.7	5.00	"	50.0		89.5	43-92		7.44	20	
Diethyl phthalate	39.9	5.00	"	50.0		79.8	38-112		6.07	20	
2,4-Dimethylphenol	38.1	5.00	"	50.0		76.3	25-92		5.97	20	
Dimethyl phthalate	22.2	5.00	"	50.0		44.4	49-106	Low Bias	58.6	20	Non-dir.
4,6-Dinitro-2-methylphenol	51.3	5.00	"	50.0		103	10-135		8.04	20	
2,4-Dinitrophenol	45.9	5.00	"	50.0		91.9	10-149		5.32	20	
2,4-Dinitrotoluene	45.8	5.00	"	50.0		91.7	41-114		7.66	20	
2,6-Dinitrotoluene	44.4	5.00	"	50.0		88.7	49-106		6.54	20	
Di-n-octyl phthalate	36.0	5.00	"	50.0		72.0	12-149		9.51	20	
1,2-Diphenylhydrazine (as Azobenzene)	32.1	5.00	"	50.0		64.2	16-137		3.91	20	
Bis(2-ethylhexyl)phthalate	40.5	0.500	"	50.0		80.9	10-171		8.61	20	
Fluoranthene	45.9	0.0500	"	50.0		91.8	33-126		6.90	20	
Fluorene	43.7	0.0500	"	50.0		87.4	28-117		6.62	20	
Hexachlorobenzene	37.8	0.0200	"	50.0		75.6	27-120		5.13	20	
Hexachlorobutadiene	50.8	0.500	"	50.0		102	25-106		4.65	20	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41440 - EPA 3510C											
LCS Dup (BE41440-BSD1)											
						Prepared: 05/28/2014 Analyzed: 05/29/2014					
Hexachlorocyclopentadiene	47.2	5.00	ug/L	50.0		94.4	10-99		6.18	20	
Hexachloroethane	39.1	0.500	"	50.0		78.2	33-84		5.09	20	
Indeno(1,2,3-cd)pyrene	48.2	0.0500	"	50.0		96.4	10-150		8.70	20	
Isophorone	34.4	5.00	"	50.0		68.9	29-115		4.66	20	
2-Methylnaphthalene	39.3	5.00	"	50.0		78.7	33-101		5.75	20	
2-Methylphenol	34.0	5.00	"	50.0		68.0	10-90		6.06	20	
3- & 4-Methylphenols	35.9	5.00	"	50.0		71.9	10-101		4.03	20	
Naphthalene	38.2	0.0500	"	50.0		76.5	30-99		4.47	20	
3-Nitroaniline	39.8	5.00	"	50.0		79.6	29-128		5.39	20	
4-Nitroaniline	32.5	5.00	"	50.0		65.0	15-143		0.246	20	
2-Nitroaniline	39.4	5.00	"	50.0		78.7	31-122		5.00	20	
Nitrobenzene	34.0	0.250	"	50.0		68.0	32-113		2.80	20	
4-Nitrophenol	35.0	5.00	"	50.0		69.9	10-112		8.91	20	
2-Nitrophenol	41.5	5.00	"	50.0		83.1	37-97		5.01	20	
N-nitroso-di-n-propylamine	33.8	5.00	"	50.0		67.5	36-118		4.42	20	
N-Nitrosodimethylamine	24.9	0.500	"	50.0		49.9	10-63		12.5	20	
N-Nitrosodiphenylamine	45.7	5.00	"	50.0		91.4	27-145		6.97	20	
Pentachlorophenol	58.9	0.250	"	50.0		118	19-127		6.94	20	
Phenanthrene	44.8	0.0500	"	50.0		89.5	31-112		7.34	20	
Phenol	34.6	5.00	"	50.0		69.2	10-37	High Bias	11.3	20	
Pyrene	44.4	0.0500	"	50.0		88.9	42-125		7.37	20	
1,2,4-Trichlorobenzene	43.3	5.00	"	50.0		86.5	35-91		5.80	20	
2,4,6-Trichlorophenol	46.8	5.00	"	50.0		93.6	41-107		7.45	20	
2,4,5-Trichlorophenol	45.2	5.00	"	50.0		90.4	36-112		5.88	20	
Surrogate: 2-Fluorophenol	39.5		"	75.0		52.7	10-53				
Surrogate: Phenol-d5	46.6		"	75.1		62.0	10-39				
Surrogate: Nitrobenzene-d5	34.0		"	50.2		67.7	10-120				
Surrogate: 2-Fluorobiphenyl	37.3		"	50.0		74.7	10-108				
Surrogate: 2,4,6-Tribromophenol	76.3		"	75.0		102	10-150				
Surrogate: Terphenyl-d14	42.9		"	50.2		85.5	10-143				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

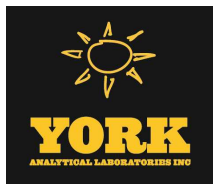
Analyte	Result	Reporting	Units	Spike	Source*	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result	%REC			Limit			

Batch BE41349 - EPA SW846-3510C Low Level

Blank (BE41349-BLK1)

Prepared: 05/27/2014 Analyzed: 05/28/2014

Toxaphene	ND	0.100	ug/L									
Methoxychlor	ND	0.00400	"									
Heptachlor epoxide	ND	0.00400	"									
Heptachlor	ND	0.00400	"									
gamma-BHC (Lindane)	ND	0.00400	"									
Endrin ketone	ND	0.0100	"									
Endrin aldehyde	ND	0.0100	"									
Endrin	ND	0.00400	"									
Endosulfan sulfate	ND	0.00400	"									
Endosulfan II	ND	0.00400	"									
Endosulfan I	ND	0.00400	"									
Dieldrin	ND	0.00200	"									
delta-BHC	ND	0.00400	"									
Chlordane, total	ND	0.0400	"									
beta-BHC	ND	0.00400	"									
alpha-BHC	ND	0.00400	"									
Aldrin	ND	0.00400	"									
4,4'-DDT	ND	0.00400	"									
4,4'-DDE	ND	0.00400	"									
4,4'-DDD	ND	0.00400	"									
Aroclor 1260	ND	0.0500	"									
Aroclor 1254	ND	0.0500	"									
Aroclor 1248	ND	0.0500	"									
Aroclor 1242	ND	0.0500	"									
Aroclor 1232	ND	0.0500	"									
Aroclor 1221	ND	0.0500	"									
Aroclor 1016	ND	0.0500	"									
Total PCBs	ND	0.0500	"									
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0984</i>		<i>"</i>	<i>0.203</i>		<i>48.5</i>	<i>30-120</i>					
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.112</i>		<i>"</i>	<i>0.215</i>		<i>52.2</i>	<i>30-120</i>					



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE41349 - EPA SW846-3510C Low Level

LCS (BE41349-BS1)							Prepared: 05/27/2014 Analyzed: 05/28/2014				
Methoxychlor	0.0574	0.00400	ug/L	0.100		57.4	40-120				
Heptachlor epoxide	0.0476	0.00400	"	0.100		47.6	40-120				
Heptachlor	0.0512	0.00400	"	0.100		51.2	40-120				
gamma-BHC (Lindane)	0.0472	0.00400	"	0.100		47.2	40-120				
Endrin ketone	0.0590	0.0100	"	0.100		59.0	40-120				
Endrin aldehyde	0.0548	0.0100	"	0.100		54.8	40-120				
Endrin	0.0514	0.00400	"	0.100		51.4	40-120				
Endosulfan sulfate	0.0525	0.00400	"	0.100		52.5	40-120				
Endosulfan II	0.0542	0.00400	"	0.100		54.2	40-120				
Endosulfan I	0.0498	0.00400	"	0.100		49.8	40-120				
Dieldrin	0.0460	0.00200	"	0.100		46.0	40-120				
delta-BHC	0.0408	0.00400	"	0.100		40.8	40-120				
beta-BHC	0.0510	0.00400	"	0.100		51.0	40-120				
alpha-BHC	0.0462	0.00400	"	0.100		46.2	40-120				
Aldrin	0.0417	0.00400	"	0.100		41.7	40-120				
4,4'-DDT	0.0515	0.00400	"	0.100		51.5	40-120				
4,4'-DDE	0.0425	0.00400	"	0.100		42.5	40-120				
4,4'-DDD	0.0537	0.00400	"	0.100		53.7	40-120				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0710</i>		<i>"</i>	<i>0.203</i>		<i>35.0</i>	<i>30-120</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0365</i>		<i>"</i>	<i>0.215</i>		<i>17.0</i>	<i>30-120</i>				

LCS (BE41349-BS2)							Prepared & Analyzed: 05/27/2014				
Aroclor 1260	0.550	0.0500	ug/L	1.00		55.0	40-120				
Aroclor 1016	0.854	0.0500	"	1.00		85.4	40-120				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0870</i>		<i>"</i>	<i>0.203</i>		<i>42.9</i>	<i>30-120</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0370</i>		<i>"</i>	<i>0.215</i>		<i>17.2</i>	<i>30-120</i>				

LCS Dup (BE41349-BSD1)							Prepared: 05/27/2014 Analyzed: 05/28/2014				
Methoxychlor	0.0579	0.00400	ug/L	0.100		57.9	40-120		1.01	30	
Heptachlor epoxide	0.0455	0.00400	"	0.100		45.5	40-120		4.46	30	
Heptachlor	0.0479	0.00400	"	0.100		47.9	40-120		6.53	30	
gamma-BHC (Lindane)	0.0483	0.00400	"	0.100		48.3	40-120		2.33	30	
Endrin ketone	0.0580	0.0100	"	0.100		58.0	40-120		1.75	30	
Endrin aldehyde	0.0537	0.0100	"	0.100		53.7	40-120		2.12	30	
Endrin	0.0503	0.00400	"	0.100		50.3	40-120		2.05	30	
Endosulfan sulfate	0.0519	0.00400	"	0.100		51.9	40-120		1.14	30	
Endosulfan II	0.0517	0.00400	"	0.100		51.7	40-120		4.85	30	
Endosulfan I	0.0473	0.00400	"	0.100		47.3	40-120		5.16	30	
Dieldrin	0.0432	0.00200	"	0.100		43.2	40-120		6.12	30	
delta-BHC	0.0375	0.00400	"	0.100		37.5	40-120	Low Bias	8.25	30	
beta-BHC	0.0584	0.00400	"	0.100		58.4	40-120		13.5	30	
alpha-BHC	0.0481	0.00400	"	0.100		48.1	40-120		3.98	30	
Aldrin	0.0388	0.00400	"	0.100		38.8	40-120	Low Bias	7.20	30	
4,4'-DDT	0.0515	0.00400	"	0.100		51.5	40-120		0.0777	30	
4,4'-DDE	0.0424	0.00400	"	0.100		42.4	40-120		0.309	30	
4,4'-DDD	0.0522	0.00400	"	0.100		52.2	40-120		2.69	30	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0686</i>		<i>"</i>	<i>0.203</i>		<i>33.8</i>	<i>30-120</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0339</i>		<i>"</i>	<i>0.215</i>		<i>15.8</i>	<i>30-120</i>				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BE41475 - EPA 3010A

Blank (BE41475-BLK1)

Prepared & Analyzed: 05/28/2014

Aluminum - Dissolved	ND	0.010	mg/L								
Antimony - Dissolved	ND	0.005	"								
Arsenic - Dissolved	ND	0.004	"								
Barium - Dissolved	ND	0.010	"								
Beryllium - Dissolved	ND	0.001	"								
Cadmium - Dissolved	ND	0.003	"								
Calcium - Dissolved	ND	0.050	"								
Chromium - Dissolved	ND	0.005	"								
Cobalt - Dissolved	ND	0.005	"								
Copper - Dissolved	ND	0.003	"								
Iron - Dissolved	ND	0.020	"								
Lead - Dissolved	ND	0.003	"								
Magnesium - Dissolved	ND	0.050	"								
Manganese - Dissolved	ND	0.005	"								
Nickel - Dissolved	ND	0.005	"								
Potassium - Dissolved	ND	0.050	"								
Selenium - Dissolved	ND	0.010	"								
Silver - Dissolved	ND	0.005	"								
Sodium - Dissolved	ND	0.100	"								
Thallium - Dissolved	ND	0.005	"								
Vanadium - Dissolved	ND	0.010	"								
Zinc - Dissolved	ND	0.010	"								

Reference (BE41475-SRM1)

Prepared & Analyzed: 05/28/2014

Aluminum - Dissolved	2.89	0.010	mg/L	3.16	91.6	82.9-116
Antimony - Dissolved	0.636	0.005	"	0.687	92.6	70.6-120
Arsenic - Dissolved	0.218	0.004	"	0.243	89.9	82.7-118
Barium - Dissolved	1.99	0.010	"	1.99	100	86.9-113
Beryllium - Dissolved	0.441	0.001	"	0.487	90.6	85-113
Cadmium - Dissolved	0.185	0.003	"	0.198	93.6	84.8-114
Chromium - Dissolved	0.737	0.005	"	0.780	94.5	87.2-113
Cobalt - Dissolved	0.201	0.005	"	0.198	102	87.4-113
Copper - Dissolved	0.163	0.003	"	0.170	96.0	89.4-111
Iron - Dissolved	0.320	0.020	"	0.322	99.3	87.3-115
Lead - Dissolved	0.205	0.003	"	0.213	96.2	85-115
Manganese - Dissolved	1.61	0.005	"	1.64	98.4	89.6-111
Nickel - Dissolved	1.48	0.005	"	1.58	93.8	89.9-111
Selenium - Dissolved	1.16	0.010	"	1.28	90.6	79.6-116
Silver - Dissolved	0.437	0.005	"	0.477	91.7	85.7-114
Thallium - Dissolved	0.404	0.005	"	0.409	98.8	79-121
Vanadium - Dissolved	0.460	0.010	"	0.502	91.6	87.5-112
Zinc - Dissolved	1.30	0.010	"	1.40	92.8	85.7-114



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BE41475 - EPA 3010A

Reference (BE41475-SRM2)

Prepared & Analyzed: 05/28/2014

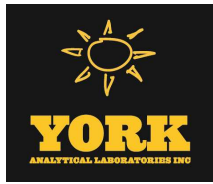
Calcium - Dissolved	62.4	0.050	mg/L	62.7		99.6		86-114			
Magnesium - Dissolved	28.9	0.050	"	29.0		99.6		86.2-114			
Potassium - Dissolved	33.0	0.050	"	32.4		102		85.2-115			
Sodium - Dissolved	84.4	0.100	"	85.1		99.1		85-115			

Batch BE41476 - EPA 3010A

Blank (BE41476-BLK1)

Prepared & Analyzed: 05/28/2014

Aluminum	ND	0.010	mg/L								
Antimony	ND	0.005	"								
Arsenic	ND	0.004	"								
Barium	ND	0.010	"								
Beryllium	ND	0.001	"								
Cadmium	ND	0.003	"								
Calcium	ND	0.050	"								
Chromium	ND	0.005	"								
Cobalt	ND	0.005	"								
Copper	ND	0.003	"								
Iron	ND	0.020	"								
Lead	ND	0.003	"								
Magnesium	ND	0.050	"								
Manganese	ND	0.005	"								
Nickel	ND	0.005	"								
Potassium	ND	0.050	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								
Sodium	ND	0.100	"								
Thallium	ND	0.005	"								
Vanadium	ND	0.010	"								
Zinc	ND	0.010	"								



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BE41476 - EPA 3010A

Reference (BE41476-SRM1)

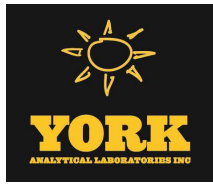
Prepared & Analyzed: 05/28/2014

Aluminum	2.87	0.010	mg/L	3.16		90.9	82.9-116
Antimony	0.640	0.005	"	0.687		93.2	70.6-120
Arsenic	0.222	0.004	"	0.243		91.5	82.7-118
Barium	2.01	0.010	"	1.99		101	86.9-113
Beryllium	0.447	0.001	"	0.487		91.8	85-113
Cadmium	0.189	0.003	"	0.198		95.7	84.8-114
Chromium	0.748	0.005	"	0.780		95.9	87.2-113
Cobalt	0.203	0.005	"	0.198		103	87.4-113
Copper	0.162	0.003	"	0.170		95.1	89.4-111
Iron	0.320	0.020	"	0.322		99.3	87.3-115
Lead	0.207	0.003	"	0.213		97.0	85-115
Manganese	1.63	0.005	"	1.64		99.3	89.6-111
Nickel	1.49	0.005	"	1.58		94.1	89.9-111
Selenium	1.16	0.010	"	1.28		90.8	79.6-116
Silver	0.437	0.005	"	0.477		91.6	85.7-114
Thallium	0.406	0.005	"	0.409		99.3	79-121
Vanadium	0.465	0.010	"	0.502		92.5	87.5-112
Zinc	1.34	0.010	"	1.40		95.5	85.7-114

Reference (BE41476-SRM2)

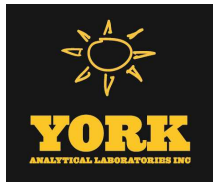
Prepared & Analyzed: 05/28/2014

Calcium	63.2	0.050	mg/L	62.7		101	86-114
Magnesium	29.6	0.050	"	29.0		102	86.2-114
Potassium	32.7	0.050	"	32.4		101	85.2-115
Sodium	82.3	0.100	"	85.1		96.7	85-115



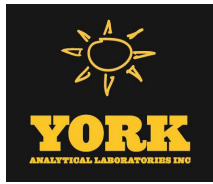
Mercury by EPA 7000/200 Series Methods - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41381 - EPA SW846-7470											
Blank (BE41381-BLK1)										Prepared & Analyzed: 05/27/2014	
Mercury	ND	0.0002	mg/L								
Mercury - Dissolved	ND	0.0002000	"								
Blank (BE41381-BLK2)										Prepared & Analyzed: 05/27/2014	
Mercury - Dissolved	ND	0.0002000	mg/L								
Mercury	ND	0.0002	"								
LCS (BE41381-BS1)										Prepared & Analyzed: 05/27/2014	
Mercury - Dissolved	0.002184	0.0002000	mg/L	0.00200		109	80-120				
Mercury	0.002184	0.0002	"	0.00200		109	80-120				
LCS (BE41381-BS2)										Prepared & Analyzed: 05/27/2014	
Mercury - Dissolved	0.001955	0.0002000	mg/L	0.00200		97.8	80-120				
Mercury	0.001955	0.0002	"	0.00200		97.8	80-120				



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41338 - Analysis Preparation											
Blank (BE41338-BLK1)											
										Prepared & Analyzed: 05/23/2014	
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BE41338-BS1)											
										Prepared & Analyzed: 05/23/2014	
Chromium, Hexavalent	0.490	0.0100	mg/L	0.500		98.0	80-120				



Volatile Analysis Sample Containers

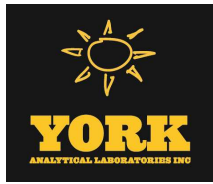
Lab ID	Client Sample ID	Volatile Sample Container
14E0922-01	GW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

S-AC	Acid surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two acid surrogates.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
<hr/>	
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.



If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

Corrective Action: Samples received at lab out of hold for Hexavalent & Trivalent Chromium. - 5/23/14



YORK ANALYTICAL LABORATORIES
 120 RESEARCH DR.
 STRATFORD, CT 06615
 (203) 325-1371
 FAX (203) 357-0166

Field Chain-of-Custody Record

Page of

York Project No. 14E022

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.

YOUR Information				Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type		
Company: Athenica Env. Serv.	SAME <input checked="" type="checkbox"/>	Name: _____		Name: _____		RUSH-Same Day		14-132-0587 - 131-18		RUSH-Next Day		Summary Report		
Address: 45-09 Greenpoint Ave. Queens, NY	Company: _____	Address: _____		Company: _____		RUSH-Two Day		Avery Avenue, Queens		RUSH-Three Day		QA Report		
Phone: 718-784-7490	Address: _____	E-mail: <u>ekaravel@athenica.com</u>		Address: _____		RUSH-Four Day		Purchase Order # _____		Standard (5-7day)		CT RCP		
Contact: Ezgi Karayel	E-mail: _____		Semi-Vols. Pest/PCB/Herb		Metals		Full Lists		Misc. Org.		Other: _____		CT RCP DQAD/DUE Pkg	
			8270 or 625		RCKA8		Pri. Poll.		TPH GRO		Excel		NY ASP A Package	
			STARS list		PP13 list		PH. Poll.		TPH DRO		NYSDEC EquiS		NY ASP B Package	
			Site Spec.		TAL				CT ETPH		NJDEP SRP HazSite			
			STARS list Nassau Co.		CTAL5 list				NY 310-13		EQUiS			
			BTEX		TAGM list				Full TCLP		GIS/KEY (std)			
			Suffolk Co.		App. IX				Full App. IX		YORK Regulatory Comp Excel			
			Ketones		Site Spec.				Part 360-Residue		compared to:			
			MTBE		TCLP list				Part 360-Residue		NYSDEC TOGS 1.1.1			
			TCL list		TCLP list				Part 360-Residue					
			TA/GM list		Total				Part 360-Residue					
			TCLP list		Dissolved				Part 360-Residue					
			CT RCP list		SPL or TCLP				Part 360-Residue					
			Arom. only		TCLP Pest				Part 360-Residue					
			502.2		SPL or TCLP				Part 360-Residue					
			Halog. only		TCLP Herb				Part 360-Residue					
			NIDEP list		Air VEH				Part 360-Residue					
			App. IX list		Chloridane				NYDEP Sever					
			SPL or TCLP		Air TICs				NYDEP Sever					
			8021B list		LIST Below				TAGM					
					Helium									

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

Matrix Codes
 S - soil
 Other - specify (oil, etc)
 WW - wastewater
 GW - groundwater
 DW - drinking water
 Air-A - ambient air
 Air-SV - soil vapor

Samples Collected/Authorized By (Signature)

 Ezgi Karayel
 Name (printed)

Sample Identification	Date/Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
GW-1	5/21/2014	GW	8260, 8270, 8081/8082, Chromiums, TAL Metals (filtered&unfiltered)	3 ambers, three 40ml vials, two 250 ml plastics

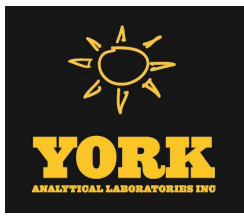
Comments: "E" designation site.

Preservation (check all applicable): 4°C Frozen HCl MeOH H₂O NaOH HNO₃ Other

Special Instructions: Field Filtered Lab to Filter

Samples Relinquished By: 5/22/14 Date/Time: _____
 Samples Received in LAB by: 5-22-14 730 Date/Time: _____
 Samples Relinquished By: 5/22/14 Date/Time: _____
 Samples Received in LAB by: 5/22/14 935 AM Date/Time: _____

Temperature on Receipt: 3.7 °C



Technical Report

prepared for:

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

Report Date: 11/07/2014
Client Project ID: 14-133-1270 131-24 & 131-32 Avery Ave Queens NY
York Project (SDG) No.: 14J1194

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 11/07/2014
Client Project ID: 14-133-1270 131-24 & 131-32 Avery Ave Queens NY
York Project (SDG) No.: 14J1194

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 30, 2014 and listed below. The project was identified as your project: **14-133-1270 131-24 & 131-32 Avery Ave Queens NY.**

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14J1194-01	MW-1	Water	10/29/2014	10/30/2014
14J1194-02	MW-2	Water	10/29/2014	10/30/2014
14J1194-03	Field Blank	Water	10/29/2014	10/30/2014
14J1194-04	Trip Blank	Water	10/29/2014	10/30/2014

General Notes for York Project (SDG) No.: 14J1194

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

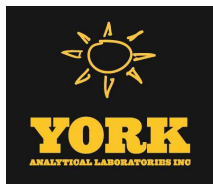
Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/07/2014





Sample Information

Client Sample ID: MW-1

York Sample ID: 14J1194-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
14J1194	14-133-1270 131-24 & 131-32 Avery Ave Queens NY	Water	October 29, 2014 3:00 pm	10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
75-34-3	1,1-Dichloroethane	1.1		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
75-35-4	1,1-Dichloroethylene	0.39	CCV-E, J	ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
67-66-3	Chloroform	0.29	J	ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS



Sample Information

Client Sample ID: MW-1 **York Sample ID:** 14J1194-01
York Project (SDG) No. 14J1194 **Client Project ID** 14-133-1270 131-24 & 131-32 Avery Ave Queens NY **Matrix** Water **Collection Date/Time** October 29, 2014 3:00 pm **Date Received** 10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
156-59-2	cis-1,2-Dichloroethylene	4.1		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	0.51		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
127-18-4	Tetrachloroethylene	190		ug/L	4.0	10	20	EPA 8260C	11/04/2014 08:33	11/06/2014 03:57	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
79-01-6	Trichloroethylene	27		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/04/2014 08:33	11/04/2014 21:57	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	128 %			69-130						
460-00-4	Surrogate: p-Bromofluorobenzene	96.1 %			79-122						
2037-26-5	Surrogate: Toluene-d8	85.9 %			81-117						



Sample Information

Client Sample ID: MW-1

York Sample ID: 14J1194-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1194

14-133-1270 131-24 & 131-32 Avery Ave Queens NY

Water

October 29, 2014 3:00 pm

10/30/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
1912-24-9	Atrazine	ND		ug/L	0.526	0.526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
92-87-5	Benzidine	ND		ug/L	10.5	21.1	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
65-85-0	Benzoic acid	ND		ug/L	26.3	52.6	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
92-52-4	1,1'-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH



Sample Information

Client Sample ID: MW-1

York Sample ID: 14J1194-01

<u>York Project (SDG) No.</u> 14J1194	<u>Client Project ID</u> 14-133-1270 131-24 & 131-32 Avery Ave Queens NY	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 29, 2014 3:00 pm	<u>Date Received</u> 10/30/2014
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
91-20-3	Naphthalene	0.0632		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH



Sample Information

Client Sample ID: MW-1 **York Sample ID:** 14J1194-01
York Project (SDG) No. 14J1194 **Client Project ID** 14-133-1270 131-24 & 131-32 Avery Ave Queens NY **Matrix** Water **Collection Date/Time** October 29, 2014 3:00 pm **Date Received** 10/30/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:12	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:29	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	32.0 %			10-47						
4165-62-2	Surrogate: Phenol-d5	20.1 %			10-37						
4165-60-0	Surrogate: Nitrobenzene-d5	52.7 %			10-109						
321-60-8	Surrogate: 2-Fluorobiphenyl	46.2 %			10-97						
118-79-6	Surrogate: 2,4,6-Tribromophenol	71.6 %			10-112						
1718-51-0	Surrogate: Terphenyl-d14	56.4 %			10-137						

Pesticides, 8081 target list

Log-in Notes: M-DISS

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
5103-74-2	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW



Sample Information

Client Sample ID: MW-1 **York Sample ID:** 14J1194-01
York Project (SDG) No. 14J1194 **Client Project ID** 14-133-1270 131-24 & 131-32 Avery Ave Queens NY **Matrix** Water **Collection Date/Time** October 29, 2014 3:00 pm **Date Received** 10/30/2014

Pesticides, 8081 target list

Log-in Notes: M-DISS

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:20	JW
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	39.4 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	30.2 %			30-120						

Polychlorinated Biphenyls (PCB)

Log-in Notes: M-DISS

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/03/2014 07:51	11/03/2014 12:44	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/03/2014 07:51	11/03/2014 12:44	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/03/2014 07:51	11/03/2014 12:44	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/03/2014 07:51	11/03/2014 12:44	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/03/2014 07:51	11/03/2014 12:44	AMC
11097-69-1	Aroclor 1254	0.240		ug/L	0.0513	0.0513	1	EPA 8082A	11/03/2014 07:51	11/03/2014 12:44	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/03/2014 07:51	11/03/2014 12:44	AMC
1336-36-3	* Total PCBs	0.240		ug/L	0.0513	0.0513	1	EPA 8082A	11/03/2014 07:51	11/03/2014 12:44	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	42.0 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	46.5 %			30-120						

Metals, Target Analyte

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3.11		mg/L	0.010	0.010	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC
7440-39-3	Barium	0.119		mg/L	0.010	0.010	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC
7440-70-2	Calcium	82.1		mg/L	0.050	0.050	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC
7440-47-3	Chromium	0.013		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC
7440-48-4	Cobalt	0.011		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC



Sample Information

Client Sample ID: MW-1

York Sample ID: 14J1194-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1194

14-133-1270 131-24 & 131-32 Avery Ave Queens NY

Water

October 29, 2014 3:00 pm

10/30/2014

Metals, Target Analyte

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.006		mg/L	0.003	0.003	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC
7439-89-6	Iron	5.21		mg/L	0.020	0.020	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC
7439-92-1	Lead	0.008		mg/L	0.003	0.003	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC
7439-95-4	Magnesium	26.9		mg/L	0.050	0.050	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC
7439-96-5	Manganese	1.43		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC
7440-02-0	Nickel	0.012		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC
7440-09-7	Potassium	4.16		mg/L	0.050	0.050	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC
7782-49-2	Selenium	0.024		mg/L	0.010	0.010	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC
7440-23-5	Sodium	108		mg/L	0.100	0.100	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC
7440-66-6	Zinc	0.019		mg/L	0.010	0.010	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:27	AMC

Metals, Target Analyte, Dissolved

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW
7440-39-3	Barium	0.096		mg/L	0.010	0.010	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW
7440-70-2	Calcium	84.2		mg/L	0.050	0.050	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW
7440-48-4	Cobalt	0.008		mg/L	0.005	0.005	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW
7439-89-6	Iron	0.575		mg/L	0.020	0.020	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW
7439-95-4	Magnesium	26.9		mg/L	0.050	0.050	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW
7439-96-5	Manganese	1.41		mg/L	0.005	0.005	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW
7440-02-0	Nickel	0.006		mg/L	0.005	0.005	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW
7440-09-7	Potassium	3.73		mg/L	0.050	0.050	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW
7782-49-2	Selenium	0.015		mg/L	0.010	0.010	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW
7440-23-5	Sodium	107		mg/L	0.100	0.100	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW



Sample Information

Client Sample ID: MW-1 **York Sample ID:** 14J1194-01
York Project (SDG) No. 14J1194 **Client Project ID** 14-133-1270 131-24 & 131-32 Avery Ave Queens NY **Matrix** Water **Collection Date/Time** October 29, 2014 3:00 pm **Date Received** 10/30/2014

Metals, Target Analyte, Dissolved

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	ND		mg/L	0.010	0.010	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:50	MW

Mercury by 7473

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473	11/04/2014 09:09	11/04/2014 16:39	AA

Mercury by 7473, Dissolved

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473	11/05/2014 16:27	11/06/2014 12:35	ALD

Chromium, Hexavalent-Dissolved

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.00600	0.0100	1	EPA 7196A	11/03/2014 15:10	11/03/2014 15:48	AD

Chromium, Trivalent-Dissolved

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: *** DEFAULT PREP ***

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.00800	0.0100	1	Calculation	11/06/2014 16:47	11/06/2014 16:53	PAM

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 14J1194-02
York Project (SDG) No. 14J1194 **Client Project ID** 14-133-1270 131-24 & 131-32 Avery Ave Queens NY **Matrix** Water **Collection Date/Time** October 29, 2014 3:00 pm **Date Received** 10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
71-55-6	1,1,1-Trichloroethane	0.54		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS



Sample Information

Client Sample ID: MW-2

York Sample ID: 14J1194-02

<u>York Project (SDG) No.</u> 14J1194	<u>Client Project ID</u> 14-133-1270 131-24 & 131-32 Avery Ave Queens NY	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 29, 2014 3:00 pm	<u>Date Received</u> 10/30/2014
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Volatile Organics, 8260 - Comprehensive

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
75-34-3	1,1-Dichloroethane	4.4		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
75-35-4	1,1-Dichloroethylene	1.2	CCV-E	ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
67-66-3	Chloroform	0.66		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
156-59-2	cis-1,2-Dichloroethylene	8.4		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS



Sample Information

Client Sample ID: MW-2

York Sample ID: 14J1194-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1194

14-133-1270 131-24 & 131-32 Avery Ave Queens NY

Water

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	1.1		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
127-18-4	Tetrachloroethylene	150		ug/L	4.0	10	20	EPA 8260C	11/04/2014 08:33	11/06/2014 04:37	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
156-60-5	trans-1,2-Dichloroethylene	0.32	J	ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
79-01-6	Trichloroethylene	15		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/04/2014 08:33	11/04/2014 22:36	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	136 %	S-08	69-130							
460-00-4	Surrogate: p-Bromofluorobenzene	93.6 %		79-122							
2037-26-5	Surrogate: Toluene-d8	88.8 %		81-117							



Sample Information

Client Sample ID: MW-2

York Sample ID: 14J1194-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1194

14-133-1270 131-24 & 131-32 Avery Ave Queens NY

Water

October 29, 2014 3:00 pm

10/30/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH



Sample Information

Client Sample ID: MW-2

York Sample ID: 14J1194-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1194

14-133-1270 131-24 & 131-32 Avery Ave Queens NY

Water

October 29, 2014 3:00 pm

10/30/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
117-81-7	Bis(2-ethylhexyl)phthalate	1.20	B	ug/L	0.513	0.513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/05/2014 13:59	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 12:42	KH



Sample Information

Client Sample ID: MW-2

York Sample ID: 14J1194-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1194

14-133-1270 131-24 & 131-32 Avery Ave Queens NY

Water

October 29, 2014 3:00 pm

10/30/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3510C

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Phenol, Pyrene, 1,2,4,5-Tetrachlorobenzene, 2,3,4,6-Tetrachlorophenol, 1,2,4-Trichlorobenzene, 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol, and Surrogate Recoveries.

Pesticides, 8081 target list

Log-in Notes: M-DISS

Sample Notes:

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

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Aldrin, alpha-BHC, beta-BHC, Chlordane, gamma-Chlordane, delta-BHC, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin aldehyde, Endrin ketone, gamma-BHC (Lindane), and Heptachlor.



Sample Information

Client Sample ID: MW-2

York Sample ID: 14J1194-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1194

14-133-1270 131-24 & 131-32 Avery Ave Queens NY

Water

October 29, 2014 3:00 pm

10/30/2014

Pesticides, 8081 target list

Log-in Notes: M-DISS

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:35	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:35	JW
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:35	JW
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:35	JW
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	36.3 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	56.1 %			30-120						

Polychlorinated Biphenyls (PCB)

Log-in Notes: M-DISS

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/03/2014 07:51	11/03/2014 13:03	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/03/2014 07:51	11/03/2014 13:03	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/03/2014 07:51	11/03/2014 13:03	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/03/2014 07:51	11/03/2014 13:03	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/03/2014 07:51	11/03/2014 13:03	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/03/2014 07:51	11/03/2014 13:03	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/03/2014 07:51	11/03/2014 13:03	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/03/2014 07:51	11/03/2014 13:03	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	39.5 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	48.0 %			30-120						

Metals, Target Analyte

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	1.17		mg/L	0.010	0.010	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC
7440-39-3	Barium	0.072		mg/L	0.010	0.010	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC
7440-70-2	Calcium	64.9		mg/L	0.050	0.050	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC
7440-47-3	Chromium	0.005		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC



Sample Information

Client Sample ID: MW-2

York Sample ID: 14J1194-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1194

14-133-1270 131-24 & 131-32 Avery Ave Queens NY

Water

October 29, 2014 3:00 pm

10/30/2014

Metals, Target Analyte

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC
7439-89-6	Iron	2.23		mg/L	0.020	0.020	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC
7439-92-1	Lead	0.006		mg/L	0.003	0.003	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC
7439-95-4	Magnesium	22.1		mg/L	0.050	0.050	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC
7439-96-5	Manganese	1.18		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC
7440-02-0	Nickel	0.008		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC
7440-09-7	Potassium	4.11		mg/L	0.050	0.050	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC
7782-49-2	Selenium	0.021		mg/L	0.010	0.010	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC
7440-23-5	Sodium	147		mg/L	0.100	0.100	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC
7440-66-6	Zinc	0.015		mg/L	0.010	0.010	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:32	AMC

Metals, Target Analyte, Dissolved

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW
7440-39-3	Barium	0.065		mg/L	0.010	0.010	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW
7440-70-2	Calcium	64.9		mg/L	0.050	0.050	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW
7439-95-4	Magnesium	23.1		mg/L	0.050	0.050	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW
7439-96-5	Manganese	1.05		mg/L	0.005	0.005	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW
7440-09-7	Potassium	3.95		mg/L	0.050	0.050	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW
7782-49-2	Selenium	0.015		mg/L	0.010	0.010	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW
7440-23-5	Sodium	147		mg/L	0.100	0.100	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW



Sample Information

Client Sample ID: MW-2 **York Sample ID:** 14J1194-02
York Project (SDG) No. 14J1194 **Client Project ID** 14-133-1270 131-24 & 131-32 Avery Ave Queens NY **Matrix** Water **Collection Date/Time** October 29, 2014 3:00 pm **Date Received** 10/30/2014

Metals, Target Analyte, Dissolved

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW
7440-66-6	Zinc	ND		mg/L	0.010	0.010	1	EPA 6010C	10/31/2014 14:45	11/01/2014 00:55	MW

Mercury by 7473

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473	11/04/2014 09:09	11/04/2014 16:39	AA

Mercury by 7473, Dissolved

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473	11/05/2014 16:27	11/06/2014 12:35	ALD

Chromium, Hexavalent-Dissolved

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.00600	0.0100	1	EPA 7196A	11/03/2014 15:10	11/03/2014 15:48	AD

Chromium, Trivalent-Dissolved

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: *** DEFAULT PREP ***

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.00800	0.0100	1	Calculation	11/06/2014 16:47	11/06/2014 16:53	PAM

Sample Information

Client Sample ID: Field Blank **York Sample ID:** 14J1194-03
York Project (SDG) No. 14J1194 **Client Project ID** 14-133-1270 131-24 & 131-32 Avery Ave Queens NY **Matrix** Water **Collection Date/Time** October 29, 2014 3:00 pm **Date Received** 10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS



Sample Information

Client Sample ID: Field Blank

York Sample ID: 14J1194-03

York Project (SDG) No. 14J1194 **Client Project ID** 14-133-1270 131-24 & 131-32 Avery Ave Queens NY **Matrix** Water **Collection Date/Time** October 29, 2014 3:00 pm **Date Received** 10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS



Sample Information

Client Sample ID: Field Blank

York Sample ID: 14J1194-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1194

14-133-1270 131-24 & 131-32 Avery Ave Queens NY

Water

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/05/2014 15:47	11/06/2014 05:16	SS
	Surrogate Recoveries	Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %		69-130							
460-00-4	Surrogate: p-Bromofluorobenzene	96.7 %		79-122							
2037-26-5	Surrogate: Toluene-d8	95.5 %		81-117							



Sample Information

Client Sample ID: Field Blank

York Sample ID: 14J1194-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1194

14-133-1270 131-24 & 131-32 Avery Ave Queens NY

Water

October 29, 2014 3:00 pm

10/30/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
1912-24-9	Atrazine	ND		ug/L	0.526	0.526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
92-87-5	Benzidine	ND		ug/L	10.5	21.1	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
65-85-0	Benzoic acid	ND		ug/L	26.3	52.6	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
92-52-4	1,1'-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH



Sample Information

Client Sample ID: Field Blank

York Sample ID: 14J1194-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1194

14-133-1270 131-24 & 131-32 Avery Ave Queens NY

Water

October 29, 2014 3:00 pm

10/30/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
86-73-7	Fluorene	0.347		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH



Sample Information

Client Sample ID: Field Blank

York Sample ID: 14J1194-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1194

14-133-1270 131-24 & 131-32 Avery Ave Queens NY

Water

October 29, 2014 3:00 pm

10/30/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:36	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/05/2014 14:38	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	31.7 %			10-47						
4165-62-2	Surrogate: Phenol-d5	20.4 %			10-37						
4165-60-0	Surrogate: Nitrobenzene-d5	38.9 %			10-109						
321-60-8	Surrogate: 2-Fluorobiphenyl	51.6 %			10-97						
118-79-6	Surrogate: 2,4,6-Tribromophenol	68.0 %			10-112						
1718-51-0	Surrogate: Terphenyl-d14	59.8 %			10-137						

Pesticides, 8081 target list

Log-in Notes: M-DISS

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	0.00421	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00421	0.00421	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00421	0.00421	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
309-00-2	Aldrin	ND		ug/L	0.00421	0.00421	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
319-84-6	alpha-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
319-85-7	beta-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
57-74-9	Chlordane, total	ND		ug/L	0.0421	0.0421	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
5103-74-2	gamma-Chlordane	ND		ug/L	0.0105	0.0105	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
319-86-8	delta-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
60-57-1	Dieldrin	ND		ug/L	0.00211	0.00211	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
959-98-8	Endosulfan I	ND		ug/L	0.00421	0.00421	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00421	0.00421	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	0.00421	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
72-20-8	Endrin	ND		ug/L	0.00421	0.00421	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	0.0105	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
53494-70-5	Endrin ketone	ND		ug/L	0.0105	0.0105	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	0.00421	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
76-44-8	Heptachlor	ND		ug/L	0.00421	0.00421	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW



Sample Information

Client Sample ID: Field Blank

York Sample ID: 14J1194-03

York Project (SDG) No. 14J1194 **Client Project ID** 14-133-1270 131-24 & 131-32 Avery Ave Queens NY **Matrix** Water **Collection Date/Time** October 29, 2014 3:00 pm **Date Received** 10/30/2014

Pesticides, 8081 target list

Log-in Notes: M-DISS

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	0.00421	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	0.00421	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
72-43-5	Methoxychlor	ND		ug/L	0.00421	0.00421	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
8001-35-2	Toxaphene	ND		ug/L	0.105	0.105	1	EPA 8081B	11/03/2014 07:51	11/03/2014 20:50	JW
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	46.4 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	41.8 %			30-120						

Polychlorinated Biphenyls (PCB)

Log-in Notes: M-DISS

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	0.0526	1	EPA 8082A	11/03/2014 07:51	11/03/2014 13:22	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	0.0526	1	EPA 8082A	11/03/2014 07:51	11/03/2014 13:22	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	0.0526	1	EPA 8082A	11/03/2014 07:51	11/03/2014 13:22	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	0.0526	1	EPA 8082A	11/03/2014 07:51	11/03/2014 13:22	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	0.0526	1	EPA 8082A	11/03/2014 07:51	11/03/2014 13:22	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	0.0526	1	EPA 8082A	11/03/2014 07:51	11/03/2014 13:22	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	0.0526	1	EPA 8082A	11/03/2014 07:51	11/03/2014 13:22	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0526	0.0526	1	EPA 8082A	11/03/2014 07:51	11/03/2014 13:22	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	56.5 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	73.5 %			30-120						

Metals, Target Analyte

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC
7440-39-3	Barium	ND		mg/L	0.010	0.010	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC
7440-70-2	Calcium	ND		mg/L	0.050	0.050	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC



Sample Information

Client Sample ID: Field Blank **York Sample ID:** 14J1194-03
York Project (SDG) No. 14J1194 **Client Project ID** 14-133-1270 131-24 & 131-32 Avery Ave Queens NY **Matrix** Water **Collection Date/Time** October 29, 2014 3:00 pm **Date Received** 10/30/2014

Metals, Target Analyte

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC
7439-92-1	Lead	0.004		mg/L	0.003	0.003	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC
7439-95-4	Magnesium	ND		mg/L	0.050	0.050	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC
7439-96-5	Manganese	ND		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC
7440-09-7	Potassium	ND		mg/L	0.050	0.050	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC
7440-23-5	Sodium	0.375		mg/L	0.100	0.100	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC
7440-66-6	Zinc	0.010		mg/L	0.010	0.010	1	EPA 6010C	11/06/2014 17:41	11/07/2014 11:36	AMC

Metals, Target Analyte, Dissolved

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA 6010C	10/31/2014 14:45	11/01/2014 01:13	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	10/31/2014 14:45	11/01/2014 01:13	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	10/31/2014 14:45	11/01/2014 01:13	MW
7440-39-3	Barium	ND		mg/L	0.010	0.010	1	EPA 6010C	10/31/2014 14:45	11/01/2014 01:13	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	10/31/2014 14:45	11/01/2014 01:13	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	10/31/2014 14:45	11/01/2014 01:13	MW
7440-70-2	Calcium	ND		mg/L	0.050	0.050	1	EPA 6010C	10/31/2014 14:45	11/01/2014 01:13	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	10/31/2014 14:45	11/01/2014 01:13	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	10/31/2014 14:45	11/01/2014 01:13	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	10/31/2014 14:45	11/01/2014 01:13	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C	10/31/2014 14:45	11/01/2014 01:13	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	10/31/2014 14:45	11/01/2014 01:13	MW
7439-95-4	Magnesium	ND		mg/L	0.050	0.050	1	EPA 6010C	10/31/2014 14:45	11/01/2014 01:13	MW
7439-96-5	Manganese	ND		mg/L	0.005	0.005	1	EPA 6010C	10/31/2014 14:45	11/01/2014 01:13	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	10/31/2014 14:45	11/01/2014 01:13	MW
7440-09-7	Potassium	ND		mg/L	0.050	0.050	1	EPA 6010C	10/31/2014 14:45	11/01/2014 01:13	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	10/31/2014 14:45	11/01/2014 01:13	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	10/31/2014 14:45	11/01/2014 01:13	MW
7440-23-5	Sodium	ND		mg/L	0.100	0.100	1	EPA 6010C	10/31/2014 14:45	11/01/2014 01:13	MW



Sample Information

Client Sample ID: Field Blank York Sample ID: 14J1194-03
York Project (SDG) No. 14J1194 Client Project ID 14-133-1270 131-24 & 131-32 Avery Ave Queens NY Matrix Water Collection Date/Time October 29, 2014 3:00 pm Date Received 10/30/2014

Metals, Target Analyte, Dissolved

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 3010A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Thallium, Vanadium, and Zinc.

Mercury by 7473

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Mercury.

Mercury by 7473, Dissolved

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Mercury.

Chromium, Hexavalent-Dissolved

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: Analysis Preparation

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Chromium, Hexavalent.

Chromium, Trivalent-Dissolved

Log-in Notes: M-DISS

Sample Notes:

Sample Prepared by Method: *** DEFAULT PREP ***

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Chromium, Trivalent.

Sample Information

Client Sample ID: Trip Blank York Sample ID: 14J1194-04
York Project (SDG) No. 14J1194 Client Project ID 14-133-1270 131-24 & 131-32 Avery Ave Queens NY Matrix Water Collection Date/Time October 29, 2014 3:00 pm Date Received 10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst.



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14J1194-04

<u>York Project (SDG) No.</u> 14J1194	<u>Client Project ID</u> 14-133-1270 131-24 & 131-32 Avery Ave Queens NY	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 29, 2014 3:00 pm	<u>Date Received</u> 10/30/2014
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14J1194-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1194

14-133-1270 131-24 & 131-32 Avery Ave Queens NY

Water

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
75-09-2	Methylene chloride	4.5		ug/L	1.0	2.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/05/2014 15:47	11/06/2014 03:17	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.9 %			69-130						
460-00-4	Surrogate: p-Bromofluorobenzene	105 %			79-122						
2037-26-5	Surrogate: Toluene-d8	96.8 %			81-117						



Analytical Batch Summary

Batch ID: BJ41641 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14J1194-01	MW-1	10/31/14
14J1194-02	MW-2	10/31/14
14J1194-03	Field Blank	10/31/14
BJ41641-BLK1	Blank	10/31/14
BJ41641-SRM1	Reference	10/31/14
BJ41641-SRM2	Reference	10/31/14

Batch ID: BK40022 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
14J1194-01	MW-1	11/03/14
14J1194-01	MW-1	11/03/14
14J1194-02	MW-2	11/03/14
14J1194-02	MW-2	11/03/14
14J1194-03	Field Blank	11/03/14
14J1194-03	Field Blank	11/03/14
BK40022-BLK1	Blank	11/03/14
BK40022-BLK1	Blank	11/03/14
BK40022-BS1	LCS	11/03/14
BK40022-BS2	LCS	11/03/14
BK40022-BSD1	LCS Dup	11/03/14
BK40022-BSD2	LCS Dup	11/03/14

Batch ID: BK40054 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
14J1194-01	MW-1	11/03/14
14J1194-02	MW-2	11/03/14
14J1194-03	Field Blank	11/03/14
BK40054-BLK1	Blank	11/03/14
BK40054-BS1	LCS	11/03/14
BK40054-DUP1	Duplicate	11/03/14
BK40054-MS1	Matrix Spike	11/03/14

Batch ID: BK40097 **Preparation Method:** EPA 7473 water **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14J1194-01	MW-1	11/04/14
14J1194-02	MW-2	11/04/14
14J1194-03	Field Blank	11/04/14
BK40097-BLK1	Blank	11/04/14
BK40097-SRM1	Reference	11/04/14



Batch ID: BK40122

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
14J1194-01	MW-1	11/04/14
14J1194-02	MW-2	11/04/14
BK40122-BLK1	Blank	11/04/14
BK40122-BS1	LCS	11/04/14
BK40122-BSD1	LCS Dup	11/04/14

Batch ID: BK40138

Preparation Method: EPA 3510C

Prepared By: KAT

YORK Sample ID	Client Sample ID	Preparation Date
14J1194-01	MW-1	11/05/14
14J1194-02	MW-2	11/05/14
14J1194-03	Field Blank	11/05/14
BK40138-BLK1	Blank	11/05/14
BK40138-BS1	LCS	11/05/14
BK40138-BS2	LCS	11/05/14
BK40138-BSD1	LCS Dup	11/05/14

Batch ID: BK40188

Preparation Method: EPA 5030B

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
14J1194-01RE1	MW-1	11/05/14
14J1194-02RE1	MW-2	11/05/14
14J1194-03	Field Blank	11/05/14
14J1194-04	Trip Blank	11/05/14
BK40188-BLK1	Blank	11/05/14
BK40188-BS1	LCS	11/05/14
BK40188-BSD1	LCS Dup	11/05/14

Batch ID: BK40198

Preparation Method: EPA 7473 water

Prepared By: AA

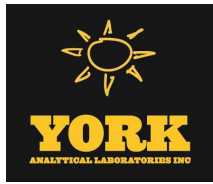
YORK Sample ID	Client Sample ID	Preparation Date
14J1194-01	MW-1	11/05/14
14J1194-02	MW-2	11/05/14
14J1194-03	Field Blank	11/05/14
BK40198-BLK1	Blank	11/05/14
BK40198-DUP1	Duplicate	11/05/14
BK40198-MS1	Matrix Spike	11/05/14
BK40198-SRM1	Reference	11/05/14

Batch ID: BK40253

Preparation Method: *** DEFAULT PREP ***

Prepared By: PAM

YORK Sample ID	Client Sample ID	Preparation Date
14J1194-01	MW-1	11/06/14
14J1194-02	MW-2	11/06/14
14J1194-03	Field Blank	11/06/14



Batch ID: BK40260

Preparation Method: EPA 3010A

Prepared By: AMC

YORK Sample ID	Client Sample ID	Preparation Date
14J1194-01	MW-1	11/06/14
14J1194-02	MW-2	11/06/14
14J1194-03	Field Blank	11/06/14
BK40260-BLK1	Blank	11/06/14
BK40260-SRM1	Reference	11/06/14
BK40260-SRM2	Reference	11/06/14



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40122 - EPA 5030B

Blank (BK40122-BLK1)

Prepared & Analyzed: 11/04/2014

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,4-Trichlorobenzene	0.32	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	80	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	0.53	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	0.30	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	0.24	0.50	"								
sec-Butylbenzene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK40122 - EPA 5030B

Blank (BK40122-BLK1)

Prepared & Analyzed: 11/04/2014

Styrene	ND	0.50	ug/L								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	0.21	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.9</i>		<i>"</i>	<i>10.0</i>		<i>119</i>	<i>69-130</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.47</i>		<i>"</i>	<i>10.0</i>		<i>94.7</i>	<i>79-122</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.10</i>		<i>"</i>	<i>10.0</i>		<i>91.0</i>	<i>81-117</i>				

LCS (BK40122-BS1)

Prepared & Analyzed: 11/04/2014

1,1,1,2-Tetrachloroethane	12		ug/L	10.0		115	82-126				
1,1,1-Trichloroethane	13		"	10.0		134	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		100	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		118	54-165				
1,1,2-Trichloroethane	10		"	10.0		101	82-123				
1,1-Dichloroethane	12		"	10.0		122	82-129				
1,1-Dichloroethylene	13		"	10.0		133	68-138				
1,2,4-Trichlorobenzene	10		"	10.0		102	76-137				
1,2,4-Trimethylbenzene	11		"	10.0		106	82-132				
1,2-Dibromo-3-chloropropane	7.3		"	10.0		73.4	45-147				
1,2-Dibromoethane	9.8		"	10.0		97.9	83-124				
1,2-Dichlorobenzene	10		"	10.0		102	79-123				
1,2-Dichloroethane	12		"	10.0		121	73-132				
1,2-Dichloropropane	11		"	10.0		107	78-126				
1,3,5-Trimethylbenzene	10		"	10.0		100	80-131				
1,3-Dichlorobenzene	10		"	10.0		100	86-122				
1,4-Dichlorobenzene	10		"	10.0		102	85-124				
1,4-Dioxane	440		"	200		219	10-349				
2-Butanone	12		"	10.0		115	49-152				
2-Hexanone	9.0		"	10.0		89.8	51-146				
4-Methyl-2-pentanone	10		"	10.0		102	57-145				
Acetone	15		"	10.0		145	14-150				
Acrolein	6.3		"	10.0		62.8	10-153				
Acrylonitrile	15		"	10.0		145	51-150				
Benzene	11		"	10.0		111	85-126				
Bromodichloromethane	11		"	10.0		106	79-128				
Bromoform	11		"	10.0		109	78-133				
Bromomethane	12		"	10.0		120	43-168				
Carbon disulfide	12		"	10.0		121	68-146				
Carbon tetrachloride	13		"	10.0		132	77-141				
Chlorobenzene	10		"	10.0		102	88-120				
Chloroethane	10		"	10.0		102	65-136				
Chloroform	12		"	10.0		123	82-128				
Chloromethane	11		"	10.0		107	43-155				
cis-1,2-Dichloroethylene	12		"	10.0		119	83-129				
cis-1,3-Dichloropropylene	11		"	10.0		108	80-131				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40122 - EPA 5030B

LCS (BK40122-BS1)

Prepared & Analyzed: 11/04/2014

Dibromochloromethane	11		ug/L	10.0		106	80-130				
Dibromomethane	11		"	10.0		107	72-134				
Dichlorodifluoromethane	12		"	10.0		119	44-144				
Ethyl Benzene	11		"	10.0		110	80-131				
Hexachlorobutadiene	11		"	10.0		109	67-146				
Isopropylbenzene	11		"	10.0		110	76-140				
Methyl acetate	10		"	10.0		103	51-139				
Methyl tert-butyl ether (MTBE)	12		"	10.0		118	76-135				
Methylene chloride	12		"	10.0		119	55-137				
n-Butylbenzene	11		"	10.0		106	79-132				
n-Propylbenzene	11		"	10.0		107	78-133				
o-Xylene	11		"	10.0		111	78-130				
p- & m- Xylenes	22		"	20.0		112	77-133				
p-Isopropyltoluene	11		"	10.0		112	81-136				
sec-Butylbenzene	11		"	10.0		110	79-137				
Styrene	11		"	10.0		110	67-132				
tert-Butyl alcohol (TBA)	6.6		"	10.0		66.3	25-162				
tert-Butylbenzene	11		"	10.0		110	77-138				
Tetrachloroethylene	11		"	10.0		111	82-131				
Toluene	11		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	12		"	10.0		124	80-132				
trans-1,3-Dichloropropylene	11		"	10.0		110	78-131				
Trichloroethylene	11		"	10.0		109	82-128				
Trichlorofluoromethane	13		"	10.0		131	67-139				
Vinyl Chloride	12		"	10.0		118	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.5</i>		<i>"</i>	<i>10.0</i>		<i>105</i>	<i>69-130</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.76</i>		<i>"</i>	<i>10.0</i>		<i>97.6</i>	<i>79-122</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.17</i>		<i>"</i>	<i>10.0</i>		<i>91.7</i>	<i>81-117</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40122 - EPA 5030B											
LCS Dup (BK40122-BSD1)											
Prepared & Analyzed: 11/04/2014											
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		115	82-126		0.522	30	
1,1,1-Trichloroethane	13		"	10.0		126	78-136		6.16	30	
1,1,2,2-Tetrachloroethane	9.7		"	10.0		97.0	76-129		3.25	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		106	54-165		10.0	30	
1,1,2-Trichloroethane	9.8		"	10.0		98.3	82-123		2.71	30	
1,1-Dichloroethane	12		"	10.0		118	82-129		3.49	30	
1,1-Dichloroethylene	12		"	10.0		120	68-138		9.71	30	
1,2,4-Trichlorobenzene	9.9		"	10.0		98.6	76-137		3.68	30	
1,2,4-Trimethylbenzene	10		"	10.0		101	82-132		5.50	30	
1,2-Dibromo-3-chloropropane	11		"	10.0		106	45-147		36.4	30	Non-dir.
1,2-Dibromoethane	10		"	10.0		102	83-124		4.49	30	
1,2-Dichlorobenzene	10		"	10.0		100	79-123		2.17	30	
1,2-Dichloroethane	12		"	10.0		122	73-132		1.40	30	
1,2-Dichloropropane	10		"	10.0		103	78-126		4.28	30	
1,3,5-Trimethylbenzene	9.6		"	10.0		95.5	80-131		4.90	30	
1,3-Dichlorobenzene	9.9		"	10.0		98.8	86-122		1.51	30	
1,4-Dichlorobenzene	9.8		"	10.0		97.6	85-124		4.80	30	
1,4-Dioxane	450		"	200		224	10-349		2.10	30	
2-Butanone	11		"	10.0		114	49-152		0.873	30	
2-Hexanone	9.4		"	10.0		93.5	51-146		4.04	30	
4-Methyl-2-pentanone	9.8		"	10.0		97.8	57-145		4.11	30	
Acetone	13		"	10.0		129	14-150		11.8	30	
Acrolein	9.9		"	10.0		99.2	10-153		44.9	30	Non-dir.
Acrylonitrile	12		"	10.0		119	51-150		19.6	30	
Benzene	11		"	10.0		107	85-126		3.50	30	
Bromodichloromethane	11		"	10.0		107	79-128		0.842	30	
Bromoform	11		"	10.0		112	78-133		3.08	30	
Bromomethane	12		"	10.0		120	43-168		0.250	30	
Carbon disulfide	11		"	10.0		112	68-146		7.29	30	
Carbon tetrachloride	12		"	10.0		125	77-141		5.22	30	
Chlorobenzene	10		"	10.0		99.9	88-120		2.28	30	
Chloroethane	9.5		"	10.0		95.2	65-136		6.60	30	
Chloroform	12		"	10.0		121	82-128		1.15	30	
Chloromethane	10		"	10.0		102	43-155		4.39	30	
cis-1,2-Dichloroethylene	12		"	10.0		123	83-129		3.89	30	
cis-1,3-Dichloropropylene	11		"	10.0		106	80-131		1.59	30	
Dibromochloromethane	11		"	10.0		110	80-130		3.87	30	
Dibromomethane	11		"	10.0		107	72-134		0.0932	30	
Dichlorodifluoromethane	11		"	10.0		108	44-144		9.33	30	
Ethyl Benzene	11		"	10.0		106	80-131		3.52	30	
Hexachlorobutadiene	9.5		"	10.0		95.2	67-146		13.8	30	
Isopropylbenzene	10		"	10.0		103	76-140		6.95	30	
Methyl acetate	10		"	10.0		102	51-139		0.979	30	
Methyl tert-butyl ether (MTBE)	12		"	10.0		124	76-135		4.95	30	
Methylene chloride	12		"	10.0		116	55-137		2.30	30	
n-Butylbenzene	9.4		"	10.0		94.4	79-132		12.0	30	
n-Propylbenzene	9.9		"	10.0		99.0	78-133		7.58	30	
o-Xylene	11		"	10.0		108	78-130		3.02	30	
p- & m- Xylenes	22		"	20.0		108	77-133		3.92	30	
p-Isopropyltoluene	10		"	10.0		103	81-136		8.67	30	
sec-Butylbenzene	10		"	10.0		100	79-137		9.15	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40122 - EPA 5030B

LCS Dup (BK40122-BSD1)

Prepared & Analyzed: 11/04/2014

Styrene	11		ug/L	10.0		107	67-132		2.85	30	
tert-Butyl alcohol (TBA)	7.3		"	10.0		72.6	25-162		9.07	30	
tert-Butylbenzene	10		"	10.0		103	77-138		6.84	30	
Tetrachloroethylene	11		"	10.0		106	82-131		4.78	30	
Toluene	10		"	10.0		102	80-127		2.99	30	
trans-1,2-Dichloroethylene	12		"	10.0		118	80-132		5.36	30	
trans-1,3-Dichloropropylene	11		"	10.0		111	78-131		0.999	30	
Trichloroethylene	10		"	10.0		104	82-128		4.78	30	
Trichlorofluoromethane	12		"	10.0		121	67-139		8.49	30	
Vinyl Chloride	11		"	10.0		107	58-145		9.80	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.8</i>		<i>"</i>	<i>10.0</i>		<i>108</i>	<i>69-130</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.99</i>		<i>"</i>	<i>10.0</i>		<i>99.9</i>	<i>79-122</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.30</i>		<i>"</i>	<i>10.0</i>		<i>93.0</i>	<i>81-117</i>				

Batch BK40188 - EPA 5030B

Blank (BK40188-BLK1)

Prepared: 11/05/2014 Analyzed: 11/06/2014

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,4-Trichlorobenzene	0.50	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	80	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

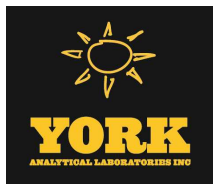
Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit								RPD	

Batch BK40188 - EPA 5030B

Blank (BK40188-BLK1)

Prepared: 11/05/2014 Analyzed: 11/06/2014

cis-1,3-Dichloropropylene	ND	0.50	ug/L								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	0.30	0.50	"								
sec-Butylbenzene	0.31	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	0.21	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>		<i>69-130</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.63</i>		<i>"</i>	<i>10.0</i>		<i>96.3</i>		<i>79-122</i>			
<i>Surrogate: Toluene-d8</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>		<i>81-117</i>			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK40188 - EPA 5030B

LCS (BK40188-BS1)

Prepared: 11/05/2014 Analyzed: 11/06/2014

1,1,1,2-Tetrachloroethane	11		ug/L	10.0		108	82-126			
1,1,1-Trichloroethane	12		"	10.0		123	78-136			
1,1,2,2-Tetrachloroethane	10		"	10.0		101	76-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		118	54-165			
1,1,2-Trichloroethane	11		"	10.0		108	82-123			
1,1-Dichloroethane	12		"	10.0		119	82-129			
1,1-Dichloroethylene	12		"	10.0		118	68-138			
1,2,4-Trichlorobenzene	10		"	10.0		102	76-137			
1,2,4-Trimethylbenzene	11		"	10.0		111	82-132			
1,2-Dibromo-3-chloropropane	12		"	10.0		122	45-147			
1,2-Dibromoethane	11		"	10.0		107	83-124			
1,2-Dichlorobenzene	10		"	10.0		103	79-123			
1,2-Dichloroethane	11		"	10.0		108	73-132			
1,2-Dichloropropane	11		"	10.0		110	78-126			
1,3,5-Trimethylbenzene	11		"	10.0		110	80-131			
1,3-Dichlorobenzene	11		"	10.0		105	86-122			
1,4-Dichlorobenzene	10		"	10.0		105	85-124			
1,4-Dioxane	430		"	200		216	10-349			
2-Butanone	9.6		"	10.0		95.5	49-152			
2-Hexanone	10		"	10.0		101	51-146			
4-Methyl-2-pentanone	11		"	10.0		108	57-145			
Acetone	10		"	10.0		100	14-150			
Acrolein	8.7		"	10.0		87.2	10-153			
Acrylonitrile	11		"	10.0		109	51-150			
Benzene	12		"	10.0		117	85-126			
Bromodichloromethane	11		"	10.0		110	79-128			
Bromoform	10		"	10.0		103	78-133			
Bromomethane	9.6		"	10.0		95.5	43-168			
Carbon disulfide	12		"	10.0		116	68-146			
Carbon tetrachloride	13		"	10.0		127	77-141			
Chlorobenzene	11		"	10.0		111	88-120			
Chloroethane	11		"	10.0		110	65-136			
Chloroform	11		"	10.0		112	82-128			
Chloromethane	11		"	10.0		111	43-155			
cis-1,2-Dichloroethylene	12		"	10.0		117	83-129			
cis-1,3-Dichloropropylene	11		"	10.0		105	80-131			
Dibromochloromethane	11		"	10.0		109	80-130			
Dibromomethane	11		"	10.0		106	72-134			
Dichlorodifluoromethane	9.8		"	10.0		98.2	44-144			
Ethyl Benzene	12		"	10.0		116	80-131			
Hexachlorobutadiene	12		"	10.0		115	67-146			
Isopropylbenzene	12		"	10.0		118	76-140			
Methyl acetate	8.2		"	10.0		82.1	51-139			
Methyl tert-butyl ether (MTBE)	11		"	10.0		109	76-135			
Methylene chloride	11		"	10.0		112	55-137			
n-Butylbenzene	11		"	10.0		105	79-132			
n-Propylbenzene	11		"	10.0		108	78-133			
o-Xylene	11		"	10.0		111	78-130			
p- & m- Xylenes	22		"	20.0		112	77-133			
p-Isopropyltoluene	11		"	10.0		109	81-136			
sec-Butylbenzene	11		"	10.0		109	79-137			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40188 - EPA 5030B

LCS (BK40188-BS1)

Prepared: 11/05/2014 Analyzed: 11/06/2014

Styrene	11		ug/L	10.0		108	67-132				
tert-Butyl alcohol (TBA)	5.8		"	10.0		58.0	25-162				
tert-Butylbenzene	11		"	10.0		112	77-138				
Tetrachloroethylene	11		"	10.0		113	82-131				
Toluene	11		"	10.0		110	80-127				
trans-1,2-Dichloroethylene	12		"	10.0		119	80-132				
trans-1,3-Dichloropropylene	11		"	10.0		108	78-131				
Trichloroethylene	12		"	10.0		119	82-128				
Trichlorofluoromethane	11		"	10.0		114	67-139				
Vinyl Chloride	11		"	10.0		112	58-145				
Surrogate: 1,2-Dichloroethane-d4	9.80		"	10.0		98.0	69-130				
Surrogate: p-Bromofluorobenzene	10.0		"	10.0		100	79-122				
Surrogate: Toluene-d8	10.2		"	10.0		102	81-117				

LCS Dup (BK40188-BS1)

Prepared: 11/05/2014 Analyzed: 11/06/2014

1,1,1,2-Tetrachloroethane	11		ug/L	10.0		107	82-126		0.742	30	
1,1,1-Trichloroethane	11		"	10.0		113	78-136		8.55	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		100	76-129		1.19	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		120	54-165		1.60	30	
1,1,2-Trichloroethane	10		"	10.0		100	82-123		7.57	30	
1,1-Dichloroethane	12		"	10.0		117	82-129		1.78	30	
1,1-Dichloroethylene	11		"	10.0		113	68-138		4.33	30	
1,2,4-Trichlorobenzene	9.8		"	10.0		97.8	76-137		4.69	30	
1,2,4-Trimethylbenzene	10		"	10.0		102	82-132		7.89	30	
1,2-Dibromo-3-chloropropane	12		"	10.0		116	45-147		4.46	30	
1,2-Dibromoethane	10		"	10.0		102	83-124		4.39	30	
1,2-Dichlorobenzene	9.6		"	10.0		96.1	79-123		7.32	30	
1,2-Dichloroethane	10		"	10.0		105	73-132		3.19	30	
1,2-Dichloropropane	11		"	10.0		106	78-126		4.07	30	
1,3,5-Trimethylbenzene	10		"	10.0		102	80-131		7.06	30	
1,3-Dichlorobenzene	10		"	10.0		100	86-122		5.06	30	
1,4-Dichlorobenzene	10		"	10.0		100	85-124		4.38	30	
1,4-Dioxane	530		"	200		267	10-349		21.3	30	
2-Butanone	10		"	10.0		101	49-152		5.30	30	
2-Hexanone	11		"	10.0		112	51-146		9.68	30	
4-Methyl-2-pentanone	11		"	10.0		111	57-145		2.37	30	
Acetone	13		"	10.0		125	14-150		22.3	30	
Acrolein	10		"	10.0		99.7	10-153		13.4	30	
Acrylonitrile	11		"	10.0		108	51-150		0.647	30	
Benzene	11		"	10.0		112	85-126		4.81	30	
Bromodichloromethane	11		"	10.0		108	79-128		1.56	30	
Bromoform	10		"	10.0		103	78-133		0.00	30	
Bromomethane	9.3		"	10.0		93.0	43-168		2.65	30	
Carbon disulfide	11		"	10.0		111	68-146		4.15	30	
Carbon tetrachloride	12		"	10.0		122	77-141		3.70	30	
Chlorobenzene	11		"	10.0		108	88-120		3.20	30	
Chloroethane	10		"	10.0		103	65-136		6.50	30	
Chloroform	11		"	10.0		109	82-128		2.71	30	
Chloromethane	10		"	10.0		105	43-155		5.75	30	
cis-1,2-Dichloroethylene	11		"	10.0		112	83-129		4.38	30	
cis-1,3-Dichloropropylene	9.9		"	10.0		99.1	80-131		6.07	30	
Dibromochloromethane	11		"	10.0		110	80-130		1.28	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40188 - EPA 5030B

LCS Dup (BK40188-BSD1)

Prepared: 11/05/2014 Analyzed: 11/06/2014

Dibromomethane	11		ug/L	10.0		107	72-134		1.03	30	
Dichlorodifluoromethane	9.1		"	10.0		91.2	44-144		7.39	30	
Ethyl Benzene	11		"	10.0		113	80-131		2.45	30	
Hexachlorobutadiene	11		"	10.0		112	67-146		2.90	30	
Isopropylbenzene	11		"	10.0		111	76-140		5.68	30	
Methyl acetate	8.0		"	10.0		79.6	51-139		3.09	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		110	76-135		0.912	30	
Methylene chloride	11		"	10.0		109	55-137		2.80	30	
n-Butylbenzene	10		"	10.0		102	79-132		3.58	30	
n-Propylbenzene	10		"	10.0		105	78-133		3.20	30	
o-Xylene	11		"	10.0		110	78-130		0.812	30	
p- & m- Xylenes	21		"	20.0		106	77-133		5.37	30	
p-Isopropyltoluene	10		"	10.0		104	81-136		4.51	30	
sec-Butylbenzene	10		"	10.0		105	79-137		3.65	30	
Styrene	11		"	10.0		109	67-132		1.20	30	
tert-Butyl alcohol (TBA)	6.4		"	10.0		64.5	25-162		10.6	30	
tert-Butylbenzene	11		"	10.0		109	77-138		2.99	30	
Tetrachloroethylene	11		"	10.0		109	82-131		3.61	30	
Toluene	11		"	10.0		107	80-127		2.30	30	
trans-1,2-Dichloroethylene	12		"	10.0		115	80-132		3.67	30	
trans-1,3-Dichloropropylene	10		"	10.0		101	78-131		7.19	30	
Trichloroethylene	12		"	10.0		116	82-128		3.15	30	
Trichlorofluoromethane	11		"	10.0		111	67-139		2.22	30	
Vinyl Chloride	10		"	10.0		104	58-145		7.47	30	
Surrogate: 1,2-Dichloroethane-d4	9.80		"	10.0		98.0	69-130				
Surrogate: p-Bromofluorobenzene	9.42		"	10.0		94.2	79-122				
Surrogate: Toluene-d8	10.0		"	10.0		100	81-117				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40138 - EPA 3510C

Blank (BK40138-BLK1)

Prepared & Analyzed: 11/05/2014

Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	20.0	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
1,1'-Biphenyl	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	7.85	0.500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40138 - EPA 3510C

Blank (BK40138-BLK1)

Prepared & Analyzed: 11/05/2014

Hexachlorocyclopentadiene	ND	5.00	ug/L								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
Naphthalene	ND	0.0500	"								
3-Nitroaniline	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
Nitrobenzene	ND	0.250	"								
4-Nitrophenol	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	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-Fluorophenol	23.6		"	75.4		31.3	10-47				
Surrogate: Phenol-d5	14.1		"	75.4		18.7	10-37				
Surrogate: Nitrobenzene-d5	24.1		"	50.0		48.2	10-109				
Surrogate: 2-Fluorobiphenyl	22.5		"	50.3		44.8	10-97				
Surrogate: 2,4,6-Tribromophenol	51.6		"	75.2		68.6	10-112				
Surrogate: Terphenyl-d14	30.1		"	50.2		60.0	10-137				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40138 - EPA 3510C											
LCS (BK40138-BS1)											
Prepared & Analyzed: 11/05/2014											
Acenaphthene	32.5	0.0500	ug/L	50.0		65.0	24-114				
Acenaphthylene	29.0	0.0500	"	50.0		57.9	26-112				
Acetophenone	22.8	5.00	"	50.0		45.6	47-92	Low Bias			
Aniline	25.2	5.00	"	50.0		50.3	10-107				
Anthracene	32.3	0.0500	"	50.0		64.6	35-114				
Atrazine	32.5	0.500	"	50.0		64.9	43-101				
Benzaldehyde	23.9	5.00	"	50.0		47.9	17-117				
Benzo(a)anthracene	30.2	0.0500	"	50.0		60.3	38-127				
Benzo(a)pyrene	26.9	0.0500	"	50.0		53.7	30-146				
Benzo(b)fluoranthene	26.5	0.0500	"	50.0		53.1	36-145				
Benzo(g,h,i)perylene	35.4	0.0500	"	50.0		70.7	10-163				
Benzoic acid	ND	50.0	"	50.0			30-130	Low Bias			
Benzo(k)fluoranthene	26.4	0.0500	"	50.0		52.9	16-149				
Benzyl alcohol	30.2	5.00	"	50.0		60.3	18-75				
Benzyl butyl phthalate	25.6	5.00	"	50.0		51.3	28-129				
1,1'-Biphenyl	22.5	5.00	"	50.0		45.0	21-102				
4-Bromophenyl phenyl ether	33.5	5.00	"	50.0		67.0	38-116				
Caprolactam	8.94	5.00	"	50.0		17.9	10-29				
Carbazole	31.6	5.00	"	50.0		63.1	49-116				
4-Chloro-3-methylphenol	35.4	5.00	"	50.0		70.8	28-101				
4-Chloroaniline	34.8	5.00	"	50.0		69.6	10-154				
Bis(2-chloroethoxy)methane	33.8	5.00	"	50.0		67.5	27-112				
Bis(2-chloroethyl)ether	32.7	5.00	"	50.0		65.5	24-114				
Bis(2-chloroisopropyl)ether	31.8	5.00	"	50.0		63.5	21-124				
2-Chloronaphthalene	26.9	5.00	"	50.0		53.8	40-96				
2-Chlorophenol	24.6	5.00	"	50.0		49.3	35-84				
4-Chlorophenyl phenyl ether	33.7	5.00	"	50.0		67.3	34-112				
Chrysene	28.5	0.0500	"	50.0		57.0	33-120				
Dibenzo(a,h)anthracene	40.5	0.0500	"	50.0		81.0	10-149				
Dibenzofuran	29.7	5.00	"	50.0		59.5	42-105				
Di-n-butyl phthalate	33.2	5.00	"	50.0		66.3	36-110				
1,4-Dichlorobenzene	23.5	5.00	"	50.0		46.9	42-82				
1,2-Dichlorobenzene	20.5	5.00	"	50.0		41.0	42-85	Low Bias			
1,3-Dichlorobenzene	20.9	5.00	"	50.0		41.7	45-80	Low Bias			
3,3'-Dichlorobenzidine	37.6	5.00	"	50.0		75.2	25-155				
2,4-Dichlorophenol	29.1	5.00	"	50.0		58.3	43-92				
Diethyl phthalate	35.2	5.00	"	50.0		70.3	38-112				
2,4-Dimethylphenol	30.4	5.00	"	50.0		60.8	25-92				
Dimethyl phthalate	32.0	5.00	"	50.0		64.0	49-106				
4,6-Dinitro-2-methylphenol	34.8	5.00	"	50.0		69.6	10-135				
2,4-Dinitrophenol	26.2	5.00	"	50.0		52.4	10-149				
2,4-Dinitrotoluene	31.9	5.00	"	50.0		63.8	41-114				
2,6-Dinitrotoluene	29.4	5.00	"	50.0		58.8	49-106				
Di-n-octyl phthalate	27.6	5.00	"	50.0		55.1	12-149				
1,2-Diphenylhydrazine (as Azobenzene)	37.3	5.00	"	50.0		74.6	16-137				
Bis(2-ethylhexyl)phthalate	31.6	0.500	"	50.0		63.2	10-171				
Fluoranthene	33.9	0.0500	"	50.0		67.8	33-126				
Fluorene	33.7	0.0500	"	50.0		67.5	28-117				
Hexachlorobenzene	37.6	0.0200	"	50.0		75.2	27-120				
Hexachlorobutadiene	28.5	0.500	"	50.0		57.0	25-106				
Hexachlorocyclopentadiene	ND	5.00	"	50.0			10-99	Low Bias			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40138 - EPA 3510C

LCS (BK40138-BS1)

Prepared & Analyzed: 11/05/2014

Hexachloroethane	25.4	0.500	ug/L	50.0		50.9	33-84				
Indeno(1,2,3-cd)pyrene	38.4	0.0500	"	50.0		76.8	10-150				
Isophorone	30.0	5.00	"	50.0		59.9	29-115				
2-Methylnaphthalene	31.4	5.00	"	50.0		62.8	33-101				
2-Methylphenol	26.0	5.00	"	50.0		51.9	10-90				
3- & 4-Methylphenols	21.5	5.00	"	50.0		43.0	10-101				
Naphthalene	28.8	0.0500	"	50.0		57.6	30-99				
3-Nitroaniline	32.9	5.00	"	50.0		65.8	29-128				
4-Nitroaniline	30.1	5.00	"	50.0		60.3	15-143				
2-Nitroaniline	29.1	5.00	"	50.0		58.1	31-122				
Nitrobenzene	29.6	0.250	"	50.0		59.2	32-113				
4-Nitrophenol	ND	5.00	"	50.0			10-112	Low Bias			
2-Nitrophenol	25.7	5.00	"	50.0		51.4	37-97				
N-nitroso-di-n-propylamine	28.5	5.00	"	50.0		57.0	36-118				
N-Nitrosodimethylamine	17.9	0.500	"	50.0		35.8	10-63				
N-Nitrosodiphenylamine	38.7	5.00	"	50.0		77.4	27-145				
Pentachlorophenol	21.2	0.250	"	50.0		42.3	19-127				
Phenanthrene	33.8	0.0500	"	50.0		67.5	31-112				
Phenol	ND	5.00	"	50.0			10-37	Low Bias			
Pyrene	26.5	0.0500	"	50.0		52.9	42-125				
1,2,4,5-Tetrachlorobenzene	24.2	5.00	"	50.0		48.4	28-105				
2,3,4,6-Tetrachlorophenol	25.5	5.00	"	50.0		51.0	30-130				
1,2,4-Trichlorobenzene	28.5	5.00	"	50.0		57.0	35-91				
2,4,6-Trichlorophenol	26.5	5.00	"	50.0		53.1	41-107				
2,4,5-Trichlorophenol	25.6	5.00	"	50.0		51.1	36-112				
Surrogate: 2-Fluorophenol	22.4		"	75.4		29.8	10-47				
Surrogate: Phenol-d5	17.7		"	75.4		23.5	10-37				
Surrogate: Nitrobenzene-d5	28.3		"	50.0		56.6	10-109				
Surrogate: 2-Fluorobiphenyl	25.1		"	50.3		49.9	10-97				
Surrogate: 2,4,6-Tribromophenol	64.6		"	75.2		85.9	10-112				
Surrogate: Terphenyl-d14	26.6		"	50.2		53.0	10-137				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

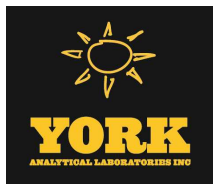
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40138 - EPA 3510C

LCS (BK40138-BS2)

Prepared & Analyzed: 11/05/2014

Acenaphthene	0.380	0.0500	ug/L	1.00		38.0	24-114				
Acenaphthylene	0.330	0.0500	"	1.00		33.0	26-112				
Acetophenone	ND	5.00	"				47-92				
Aniline	ND	5.00	"				10-107				
Anthracene	0.480	0.0500	"	1.00		48.0	35-114				
Atrazine	ND	0.500	"				43-101				
Benzaldehyde	ND	5.00	"				17-117				
Benzo(a)anthracene	0.460	0.0500	"	1.00		46.0	38-127				
Benzo(a)pyrene	0.610	0.0500	"	1.00		61.0	30-146				
Benzo(b)fluoranthene	0.820	0.0500	"	1.00		82.0	36-145				
Benzo(g,h,i)perylene	0.540	0.0500	"	1.00		54.0	10-163				
Benzoic acid	ND	50.0	"				30-130				
Benzo(k)fluoranthene	0.610	0.0500	"	1.00		61.0	16-149				
Benzyl alcohol	ND	5.00	"				18-75				
Benzyl butyl phthalate	ND	5.00	"				28-129				
1,1'-Biphenyl	ND	5.00	"				21-102				
4-Bromophenyl phenyl ether	ND	5.00	"				38-116				
Caprolactam	ND	5.00	"				10-29				
Carbazole	ND	5.00	"				49-116				
4-Chloro-3-methylphenol	ND	5.00	"				28-101				
4-Chloroaniline	ND	5.00	"				10-154				
Bis(2-chloroethoxy)methane	ND	5.00	"				27-112				
Bis(2-chloroethyl)ether	ND	5.00	"				24-114				
Bis(2-chloroisopropyl)ether	ND	5.00	"				21-124				
2-Chloronaphthalene	ND	5.00	"				40-96				
2-Chlorophenol	ND	5.00	"				35-84				
4-Chlorophenyl phenyl ether	ND	5.00	"				34-112				
Chrysene	0.600	0.0500	"	1.00		60.0	33-120				
Dibenzo(a,h)anthracene	0.570	0.0500	"	1.00		57.0	10-149				
Dibenzofuran	ND	5.00	"				42-105				
Di-n-butyl phthalate	ND	5.00	"				36-110				
1,4-Dichlorobenzene	ND	5.00	"				42-82				
1,2-Dichlorobenzene	ND	5.00	"				42-85				
1,3-Dichlorobenzene	ND	5.00	"				45-80				
3,3'-Dichlorobenzidine	ND	5.00	"				25-155				
2,4-Dichlorophenol	ND	5.00	"				43-92				
Diethyl phthalate	ND	5.00	"				38-112				
2,4-Dimethylphenol	ND	5.00	"				25-92				
Dimethyl phthalate	ND	5.00	"				49-106				
4,6-Dinitro-2-methylphenol	ND	5.00	"				10-135				
2,4-Dinitrophenol	ND	5.00	"				10-149				
2,4-Dinitrotoluene	ND	5.00	"				41-114				
2,6-Dinitrotoluene	ND	5.00	"				49-106				
Di-n-octyl phthalate	ND	5.00	"				12-149				
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"				16-137				
Bis(2-ethylhexyl)phthalate	ND	0.500	"				10-171				
Fluoranthene	0.420	0.0500	"	1.00		42.0	33-126				
Fluorene	0.340	0.0500	"	1.00		34.0	28-117				
Hexachlorobenzene	ND	0.0200	"				27-120				
Hexachlorobutadiene	ND	0.500	"				25-106				
Hexachlorocyclopentadiene	ND	5.00	"				10-99				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40138 - EPA 3510C

LCS (BK40138-BS2)

Prepared & Analyzed: 11/05/2014

Hexachloroethane	ND	0.500	ug/L				33-84				
Indeno(1,2,3-cd)pyrene	0.560	0.0500	"	1.00		56.0	10-150				
Isophorone	ND	5.00	"				29-115				
2-Methylnaphthalene	ND	5.00	"				33-101				
2-Methylphenol	ND	5.00	"				10-90				
3- & 4-Methylphenols	ND	5.00	"				10-101				
Naphthalene	0.360	0.0500	"	1.00		36.0	30-99				
3-Nitroaniline	ND	5.00	"				29-128				
4-Nitroaniline	ND	5.00	"				15-143				
2-Nitroaniline	ND	5.00	"				31-122				
Nitrobenzene	ND	0.250	"				32-113				
4-Nitrophenol	ND	5.00	"				10-112				
2-Nitrophenol	ND	5.00	"				37-97				
N-nitroso-di-n-propylamine	ND	5.00	"				36-118				
N-Nitrosodimethylamine	ND	0.500	"				10-63				
N-Nitrosodiphenylamine	ND	5.00	"				27-145				
Pentachlorophenol	ND	0.250	"				19-127				
Phenanthrene	0.300	0.0500	"	1.00		30.0	31-112	Low Bias			
Phenol	ND	5.00	"				10-37				
Pyrene	0.540	0.0500	"	1.00		54.0	42-125				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"				28-105				
2,3,4,6-Tetrachlorophenol	ND	5.00	"				30-130				
1,2,4-Trichlorobenzene	ND	5.00	"				35-91				
2,4,6-Trichlorophenol	ND	5.00	"				41-107				
2,4,5-Trichlorophenol	ND	5.00	"				36-112				
Surrogate: 2-Fluorophenol	0.00		"	75.4			10-47				
Surrogate: Phenol-d5	0.00		"	75.4			10-37				
Surrogate: Nitrobenzene-d5	0.00		"	50.0			10-109				
Surrogate: 2-Fluorobiphenyl	0.00		"	50.3			10-97				
Surrogate: 2,4,6-Tribromophenol	0.00		"	75.2			10-112				
Surrogate: Terphenyl-d14	0.00		"	50.2			10-137				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40138 - EPA 3510C											
LCS Dup (BK40138-BSD1)											
											Prepared & Analyzed: 11/05/2014
Acenaphthene	29.4	0.0500	ug/L	50.0		58.7	24-114		10.2		20
Acenaphthylene	27.1	0.0500	"	50.0		54.1	26-112		6.82		20
Acetophenone	19.8	5.00	"	50.0		39.5	47-92	Low Bias	14.4		20
Aniline	24.1	5.00	"	50.0		48.2	10-107		4.26		20
Anthracene	31.1	0.0500	"	50.0		62.2	35-114		3.72		20
Atrazine	29.5	0.500	"	50.0		58.9	43-101		9.72		20
Benzaldehyde	21.7	5.00	"	50.0		43.5	17-117		9.64		20
Benzo(a)anthracene	29.0	0.0500	"	50.0		58.0	38-127		3.92		20
Benzo(a)pyrene	26.2	0.0500	"	50.0		52.3	30-146		2.68		20
Benzo(b)fluoranthene	25.1	0.0500	"	50.0		50.2	36-145		5.54		20
Benzo(g,h,i)perylene	32.1	0.0500	"	50.0		64.2	10-163		9.64		20
Benzoic acid	ND	50.0	"	50.0			30-130	Low Bias			20
Benzo(k)fluoranthene	25.0	0.0500	"	50.0		49.9	16-149		5.76		20
Benzyl alcohol	26.3	5.00	"	50.0		52.6	18-75		13.7		20
Benzyl butyl phthalate	24.7	5.00	"	50.0		49.4	28-129		3.73		20
1,1'-Biphenyl	20.6	5.00	"	50.0		41.2	21-102		8.68		20
4-Bromophenyl phenyl ether	31.7	5.00	"	50.0		63.5	38-116		5.43		20
Caprolactam	8.67	5.00	"	50.0		17.3	10-29		3.07		20
Carbazole	30.4	5.00	"	50.0		60.7	49-116		3.91		20
4-Chloro-3-methylphenol	32.5	5.00	"	50.0		65.1	28-101		8.48		20
4-Chloroaniline	34.5	5.00	"	50.0		69.0	10-154		0.866		20
Bis(2-chloroethoxy)methane	30.1	5.00	"	50.0		60.2	27-112		11.5		20
Bis(2-chloroethyl)ether	29.0	5.00	"	50.0		58.0	24-114		12.1		20
Bis(2-chloroisopropyl)ether	27.0	5.00	"	50.0		54.0	21-124		16.1		20
2-Chloronaphthalene	24.8	5.00	"	50.0		49.6	40-96		8.16		20
2-Chlorophenol	21.5	5.00	"	50.0		43.0	35-84		13.6		20
4-Chlorophenyl phenyl ether	32.6	5.00	"	50.0		65.2	34-112		3.20		20
Chrysene	27.0	0.0500	"	50.0		53.9	33-120		5.63		20
Dibenzo(a,h)anthracene	38.6	0.0500	"	50.0		77.2	10-149		4.88		20
Dibenzofuran	27.8	5.00	"	50.0		55.6	42-105		6.75		20
Di-n-butyl phthalate	32.1	5.00	"	50.0		64.1	36-110		3.34		20
1,4-Dichlorobenzene	20.6	5.00	"	50.0		41.3	42-82	Low Bias	12.8		20
1,2-Dichlorobenzene	21.2	5.00	"	50.0		42.5	42-85		3.50		20
1,3-Dichlorobenzene	19.2	5.00	"	50.0		38.3	45-80	Low Bias	8.60		20
3,3'-Dichlorobenzidine	37.0	5.00	"	50.0		74.0	25-155		1.61		20
2,4-Dichlorophenol	26.8	5.00	"	50.0		53.5	43-92		8.52		20
Diethyl phthalate	34.0	5.00	"	50.0		68.1	38-112		3.18		20
2,4-Dimethylphenol	26.8	5.00	"	50.0		53.7	25-92		12.4		20
Dimethyl phthalate	31.0	5.00	"	50.0		62.1	49-106		3.08		20
4,6-Dinitro-2-methylphenol	34.9	5.00	"	50.0		69.9	10-135		0.373		20
2,4-Dinitrophenol	22.8	5.00	"	50.0		45.6	10-149		14.0		20
2,4-Dinitrotoluene	31.5	5.00	"	50.0		63.1	41-114		1.20		20
2,6-Dinitrotoluene	29.3	5.00	"	50.0		58.6	49-106		0.477		20
Di-n-octyl phthalate	26.7	5.00	"	50.0		53.3	12-149		3.28		20
1,2-Diphenylhydrazine (as Azobenzene)	35.5	5.00	"	50.0		71.1	16-137		4.81		20
Bis(2-ethylhexyl)phthalate	32.8	0.500	"	50.0		65.6	10-171		3.73		20
Fluoranthene	32.6	0.0500	"	50.0		65.1	33-126		4.00		20
Fluorene	32.0	0.0500	"	50.0		64.0	28-117		5.26		20
Hexachlorobenzene	36.9	0.0200	"	50.0		73.8	27-120		1.96		20
Hexachlorobutadiene	25.0	0.500	"	50.0		50.0	25-106		13.1		20
Hexachlorocyclopentadiene	ND	5.00	"	50.0			10-99	Low Bias			20



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40138 - EPA 3510C

LCS Dup (BK40138-BSD1)

Prepared & Analyzed: 11/05/2014

Hexachloroethane	22.1	0.500	ug/L	50.0		44.2	33-84		14.1	20	
Indeno(1,2,3-cd)pyrene	36.5	0.0500	"	50.0		72.9	10-150		5.18	20	
Isophorone	27.1	5.00	"	50.0		54.1	29-115		10.2	20	
2-Methylnaphthalene	28.0	5.00	"	50.0		55.9	33-101		11.6	20	
2-Methylphenol	22.1	5.00	"	50.0		44.2	10-90		16.0	20	
3- & 4-Methylphenols	18.6	5.00	"	50.0		37.3	10-101		14.3	20	
Naphthalene	25.7	0.0500	"	50.0		51.4	30-99		11.4	20	
3-Nitroaniline	31.3	5.00	"	50.0		62.5	29-128		5.11	20	
4-Nitroaniline	31.7	5.00	"	50.0		63.3	15-143		4.98	20	
2-Nitroaniline	26.8	5.00	"	50.0		53.6	31-122		8.17	20	
Nitrobenzene	26.1	0.250	"	50.0		52.2	32-113		12.6	20	
4-Nitrophenol	ND	5.00	"	50.0			10-112	Low Bias		20	
2-Nitrophenol	24.5	5.00	"	50.0		48.9	37-97		4.98	20	
N-nitroso-di-n-propylamine	23.7	5.00	"	50.0		47.4	36-118		18.4	20	
N-Nitrosodimethylamine	14.0	0.500	"	50.0		28.1	10-63		24.1	20	Non-dir.
N-Nitrosodiphenylamine	37.6	5.00	"	50.0		75.3	27-145		2.75	20	
Pentachlorophenol	18.6	0.250	"	50.0		37.2	19-127		13.0	20	
Phenanthrene	33.3	0.0500	"	50.0		66.6	31-112		1.37	20	
Phenol	13.0	5.00	"	50.0		26.0	10-37		148	20	Non-dir.
Pyrene	25.6	0.0500	"	50.0		51.3	42-125		3.15	20	
1,2,4,5-Tetrachlorobenzene	21.6	5.00	"	50.0		43.2	28-105		11.3	20	
2,3,4,6-Tetrachlorophenol	69.4	5.00	"	50.0		139	30-130	High Bias	92.5	20	Non-dir.
1,2,4-Trichlorobenzene	24.4	5.00	"	50.0		48.7	35-91		15.7	20	
2,4,6-Trichlorophenol	25.2	5.00	"	50.0		50.5	41-107		4.98	20	
2,4,5-Trichlorophenol	21.8	5.00	"	50.0		43.7	36-112		15.7	20	
Surrogate: 2-Fluorophenol	17.2		"	75.4		22.8	10-47				
Surrogate: Phenol-d5	15.4		"	75.4		20.4	10-37				
Surrogate: Nitrobenzene-d5	26.4		"	50.0		52.7	10-109				
Surrogate: 2-Fluorobiphenyl	23.9		"	50.3		47.5	10-97				
Surrogate: 2,4,6-Tribromophenol	63.7		"	75.2		84.7	10-112				
Surrogate: Terphenyl-d14	26.8		"	50.2		53.3	10-137				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40022 - EPA SW846-3510C Low Level

Blank (BK40022-BLK1)

Prepared & Analyzed: 11/03/2014

4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0400	"								
gamma-Chlordane	ND	0.0100	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								

Surrogate: Tetrachloro-m-xylene

0.0919

"

0.200

46.0

30-120

Surrogate: Decachlorobiphenyl

0.0964

"

0.200

48.2

30-120

LCS (BK40022-BS1)

Prepared & Analyzed: 11/03/2014

4,4'-DDD	0.0716	0.00400	ug/L	0.100		71.6	40-120				
4,4'-DDE	0.0636	0.00400	"	0.100		63.6	40-120				
4,4'-DDT	0.0791	0.00400	"	0.100		79.1	40-120				
Aldrin	0.0518	0.00400	"	0.100		51.8	40-120				
alpha-BHC	0.0511	0.00400	"	0.100		51.1	40-120				
beta-BHC	0.0589	0.00400	"	0.100		58.9	40-120				
gamma-Chlordane	0.0565	0.0100	"	0.100		56.5	40-120				
delta-BHC	0.0402	0.00400	"	0.100		40.2	40-120				
Dieldrin	0.0593	0.00200	"	0.100		59.3	40-120				
Endosulfan I	0.0561	0.00400	"	0.100		56.1	40-120				
Endosulfan II	0.0579	0.00400	"	0.100		57.9	40-120				
Endosulfan sulfate	0.0555	0.00400	"	0.100		55.5	40-120				
Endrin	0.0681	0.00400	"	0.100		68.1	40-120				
Endrin aldehyde	0.0582	0.0100	"	0.100		58.2	40-120				
Endrin ketone	0.0809	0.0100	"	0.100		80.9	40-120				
gamma-BHC (Lindane)	0.0549	0.00400	"	0.100		54.9	40-120				
Heptachlor	0.0541	0.00400	"	0.100		54.1	40-120				
Heptachlor epoxide	0.0552	0.00400	"	0.100		55.2	40-120				
alpha-Chlordane	0.0534	0.00400	"	0.100		53.4	40-120				
Methoxychlor	0.0682	0.00400	"	0.100		68.2	40-120				

Surrogate: Tetrachloro-m-xylene

0.106

"

0.200

52.8

30-120

Surrogate: Decachlorobiphenyl

0.101

"

0.200

50.5

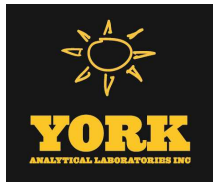
30-120



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40022 - EPA SW846-3510C Low Level											
LCS Dup (BK40022-BSD1)										Prepared & Analyzed: 11/03/2014	
4,4'-DDD	0.0697	0.00400	ug/L	0.100		69.7	40-120		2.69	30	
4,4'-DDE	0.0618	0.00400	"	0.100		61.8	40-120		2.78	30	
4,4'-DDT	0.0773	0.00400	"	0.100		77.3	40-120		2.30	30	
Aldrin	0.0495	0.00400	"	0.100		49.5	40-120		4.44	30	
alpha-BHC	0.0498	0.00400	"	0.100		49.8	40-120		2.62	30	
beta-BHC	0.0562	0.00400	"	0.100		56.2	40-120		4.59	30	
gamma-Chlordane	0.0544	0.0100	"	0.100		54.4	40-120		3.83	30	
delta-BHC	0.0386	0.00400	"	0.100		38.6	40-120	Low Bias	3.98	30	
Dieldrin	0.0572	0.00200	"	0.100		57.2	40-120		3.46	30	
Endosulfan I	0.0544	0.00400	"	0.100		54.4	40-120		3.20	30	
Endosulfan II	0.0561	0.00400	"	0.100		56.1	40-120		3.04	30	
Endosulfan sulfate	0.0542	0.00400	"	0.100		54.2	40-120		2.41	30	
Endrin	0.0664	0.00400	"	0.100		66.4	40-120		2.55	30	
Endrin aldehyde	0.0570	0.0100	"	0.100		57.0	40-120		2.13	30	
Endrin ketone	0.0793	0.0100	"	0.100		79.3	40-120		2.07	30	
gamma-BHC (Lindane)	0.0524	0.00400	"	0.100		52.4	40-120		4.70	30	
Heptachlor	0.0518	0.00400	"	0.100		51.8	40-120		4.39	30	
Heptachlor epoxide	0.0531	0.00400	"	0.100		53.1	40-120		3.95	30	
alpha-Chlordane	0.0513	0.00400	"	0.100		51.3	40-120		4.01	30	
Methoxychlor	0.0674	0.00400	"	0.100		67.4	40-120		1.28	30	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0998</i>		<i>"</i>	<i>0.200</i>		<i>49.9</i>	<i>30-120</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.100</i>		<i>"</i>	<i>0.200</i>		<i>50.0</i>	<i>30-120</i>				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40022 - EPA SW846-3510C Low Level											
Blank (BK40022-BLK1)										Prepared & Analyzed: 11/03/2014	
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
<i>Surrogate: Tetrachloro-m-xylene</i>	0.108		"	0.200		54.0	30-120				
<i>Surrogate: Decachlorobiphenyl</i>	0.129		"	0.200		64.5	30-120				
LCS (BK40022-BS2)										Prepared & Analyzed: 11/03/2014	
Aroclor 1016	0.873	0.0500	ug/L	1.00		87.3	40-120				
Aroclor 1260	0.847	0.0500	"	1.00		84.7	40-120				
<i>Surrogate: Tetrachloro-m-xylene</i>	0.123		"	0.200		61.5	30-120				
<i>Surrogate: Decachlorobiphenyl</i>	0.110		"	0.200		55.0	30-120				
LCS Dup (BK40022-BSD2)										Prepared & Analyzed: 11/03/2014	
Aroclor 1016	0.874	0.0500	ug/L	1.00		87.4	40-120	0.0687		30	
Aroclor 1260	0.863	0.0500	"	1.00		86.3	40-120	1.90		30	
<i>Surrogate: Tetrachloro-m-xylene</i>	0.122		"	0.200		61.0	30-120				
<i>Surrogate: Decachlorobiphenyl</i>	0.111		"	0.200		55.5	30-120				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BJ41641 - EPA 3010A

Blank (BJ41641-BLK1)

Prepared: 10/31/2014 Analyzed: 11/01/2014

Aluminum - Dissolved	ND	0.010	mg/L
Antimony - Dissolved	ND	0.005	"
Arsenic - Dissolved	ND	0.004	"
Barium - Dissolved	ND	0.010	"
Beryllium - Dissolved	ND	0.001	"
Cadmium - Dissolved	ND	0.003	"
Calcium - Dissolved	ND	0.050	"
Chromium - Dissolved	ND	0.005	"
Cobalt - Dissolved	ND	0.005	"
Copper - Dissolved	ND	0.003	"
Iron - Dissolved	ND	0.020	"
Lead - Dissolved	ND	0.003	"
Magnesium - Dissolved	ND	0.050	"
Manganese - Dissolved	ND	0.005	"
Nickel - Dissolved	ND	0.005	"
Potassium - Dissolved	ND	0.050	"
Selenium - Dissolved	ND	0.010	"
Silver - Dissolved	ND	0.005	"
Sodium - Dissolved	ND	0.100	"
Thallium - Dissolved	ND	0.005	"
Vanadium - Dissolved	ND	0.010	"
Zinc - Dissolved	ND	0.010	"

Reference (BJ41641-SRM1)

Prepared: 10/31/2014 Analyzed: 11/01/2014

Aluminum - Dissolved	1.19	0.010	mg/L	1.30	91.4	82.3-115
Antimony - Dissolved	0.673	0.005	"	0.633	106	81.4-115
Arsenic - Dissolved	0.392	0.004	"	0.438	89.5	83.3-116
Barium - Dissolved	0.368	0.010	"	0.365	101	84.9-115
Beryllium - Dissolved	0.212	0.001	"	0.227	93.6	85-115
Cadmium - Dissolved	0.313	0.003	"	0.334	93.7	85-115
Chromium - Dissolved	0.750	0.005	"	0.797	94.2	84.9-115
Cobalt - Dissolved	0.485	0.005	"	0.477	102	84.9-115
Copper - Dissolved	0.169	0.003	"	0.177	95.4	84.7-115
Iron - Dissolved	2.54	0.020	"	2.58	98.6	84.9-115
Lead - Dissolved	1.42	0.003	"	1.47	96.7	85-115
Manganese - Dissolved	0.531	0.005	"	0.538	98.7	84.9-115
Nickel - Dissolved	1.63	0.005	"	1.71	95.4	88.3-112
Selenium - Dissolved	0.454	0.010	"	0.521	87.1	85-115
Silver - Dissolved	0.346	0.005	"	0.384	90.0	84.9-115
Thallium - Dissolved	0.385	0.005	"	0.390	98.7	81.5-117
Vanadium - Dissolved	1.53	0.010	"	1.68	91.3	85.1-115
Zinc - Dissolved	1.46	0.010	"	1.53	95.2	85-115



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BJ41641 - EPA 3010A

Reference (BJ41641-SRM2)

Prepared: 10/31/2014 Analyzed: 11/01/2014

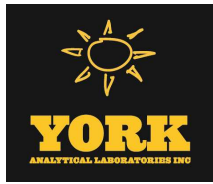
Calcium - Dissolved	45.2	0.050	mg/L	44.2		102		86-114			
Magnesium - Dissolved	94.0	0.050	"	90.7		104		86-114			
Potassium - Dissolved	62.4	0.050	"	60.9		103		84.9-115			
Sodium - Dissolved	73.3	0.100	"	73.8		99.3		85-115			

Batch BK40260 - EPA 3010A

Blank (BK40260-BLK1)

Prepared: 11/06/2014 Analyzed: 11/07/2014

Aluminum	ND	0.010	mg/L								
Antimony	ND	0.005	"								
Arsenic	ND	0.004	"								
Barium	ND	0.010	"								
Beryllium	ND	0.001	"								
Cadmium	ND	0.003	"								
Calcium	ND	0.050	"								
Chromium	ND	0.005	"								
Cobalt	ND	0.005	"								
Copper	ND	0.003	"								
Iron	ND	0.020	"								
Lead	ND	0.003	"								
Magnesium	ND	0.050	"								
Manganese	ND	0.005	"								
Nickel	ND	0.005	"								
Potassium	ND	0.050	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								
Sodium	ND	0.100	"								
Thallium	ND	0.005	"								
Vanadium	ND	0.010	"								
Zinc	ND	0.010	"								



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BK40260 - EPA 3010A

Reference (BK40260-SRM1)

Prepared: 11/06/2014 Analyzed: 11/07/2014

Aluminum	1.22	0.010	mg/L	1.30		93.9	82.3-115				
Antimony	0.679	0.005	"	0.633		107	81.4-115				
Arsenic	0.380	0.004	"	0.438		86.7	83.3-116				
Barium	0.359	0.010	"	0.365		98.3	84.9-115				
Beryllium	0.208	0.001	"	0.227		91.6	85-115				
Cadmium	0.308	0.003	"	0.334		92.3	85-115				
Chromium	0.757	0.005	"	0.797		94.9	84.9-115				
Cobalt	0.485	0.005	"	0.477		102	84.9-115				
Copper	0.168	0.003	"	0.177		94.8	84.7-115				
Iron	2.46	0.020	"	2.58		95.5	84.9-115				
Lead	1.42	0.003	"	1.47		96.4	85-115				
Manganese	0.535	0.005	"	0.538		99.5	84.9-115				
Nickel	1.62	0.005	"	1.71		94.8	88.3-112				
Selenium	0.486	0.010	"	0.521		93.2	85-115				
Silver	0.355	0.005	"	0.384		92.4	84.9-115				
Thallium	0.383	0.005	"	0.390		98.1	81.5-117				
Vanadium	1.50	0.010	"	1.68		89.5	85.1-115				
Zinc	1.45	0.010	"	1.53		94.4	85-115				

Reference (BK40260-SRM2)

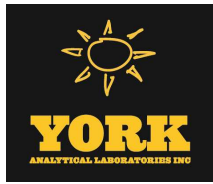
Prepared: 11/06/2014 Analyzed: 11/07/2014

Calcium	44.3	0.050	mg/L	44.2		100	86-114				
Magnesium	87.6	0.050	"	90.7		96.6	86-114				
Potassium	58.9	0.050	"	60.9		96.8	84.9-115				
Sodium	74.4	0.100	"	73.8		101	85-115				



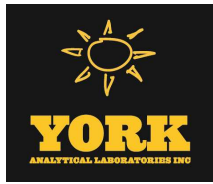
Mercury by EPA 7000/200 Series Methods - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40097 - EPA 7473 water											
Blank (BK40097-BLK1)										Prepared & Analyzed: 11/04/2014	
Mercury	ND	0.00020	mg/L								
Reference (BK40097-SRM1)										Prepared & Analyzed: 11/04/2014	
Mercury	0.00142		mg/kg	0.00230		61.8	61.3-135				
Batch BK40198 - EPA 7473 water											
Blank (BK40198-BLK1)										Prepared: 11/05/2014 Analyzed: 11/06/2014	
Mercury - Dissolved	ND	0.00020	mg/L								
Duplicate (BK40198-DUP1)										*Source sample: 14J1194-01 (MW-1) Prepared: 11/05/2014 Analyzed: 11/06/2014	
Mercury	ND	0.00020	mg/L		ND						20
Mercury - Dissolved	ND	0.00020	"		ND						20
Matrix Spike (BK40198-MS1)										*Source sample: 14J1194-01 (MW-1) Prepared: 11/05/2014 Analyzed: 11/06/2014	
Mercury - Dissolved	0.00162		mg/L	0.00200	ND	80.8	75-125				
Reference (BK40198-SRM1)										Prepared: 11/05/2014 Analyzed: 11/06/2014	
Mercury - Dissolved	0.0016500		mg/L	0.00230		71.7	61.3-135				



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			
Batch BK40054 - Analysis Preparation													
Blank (BK40054-BLK1)											Prepared & Analyzed: 11/03/2014		
Chromium, Hexavalent - Dissolved	ND	0.0100	mg/L										
LCS (BK40054-BS1)											Prepared & Analyzed: 11/03/2014		
Chromium, Hexavalent - Dissolved	0.500	0.0100	mg/L	0.500		100		80-120					
Duplicate (BK40054-DUP1) *Source sample: 14J1194-01 (MW-1)											Prepared & Analyzed: 11/03/2014		
Chromium, Hexavalent - Dissolved	ND	0.0100	mg/L		ND							20	
Matrix Spike (BK40054-MS1) *Source sample: 14J1194-01 (MW-1)											Prepared & Analyzed: 11/03/2014		
Chromium, Hexavalent - Dissolved	0.480	0.0100	mg/L	0.500	ND	96.0		75-125					



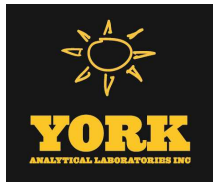
Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14J1194-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14J1194-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14J1194-03	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14J1194-04	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-DISS	The sample submitted for Dissolved Metals was not field filtered. The sample was filtered at the laboratory.
M-CCVO	CCV Out. Samples bracketed by acceptable CCVs.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
<hr/>	
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.



If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

Corrective Action: Samples for hexavalent chromium analysis received outside of holding time.

YORK

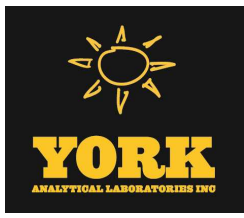
ANALYTICAL LABORATORIES, INC.
 120 RESEARCH DR. STRATFORD, CT 06615
 (203) 325-1371 FAX (203) 357-0166

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. 1451194

YOUR INFORMATION Company: <u>Althenico Env. Serv.</u> Address: <u>15-09 Greenpoint Avenue, Queens, NY</u> Phone No. <u>(718) 754-7490</u> Contact Person: <u>Egi Karayel</u> E-Mail Address: <u>ekarayel@athenico.com</u>		Report To: Company: <u>SAME</u> Address: <u>SAME</u> Phone No. <u>SAME</u> Attention: <u>Josiane Charles</u> E-Mail Address: <u>Jcharles@athenico.com</u>		YOUR PROJECT ID <u>14-133-1270 -</u> <u>131-24 x 131-32 AVE</u> <u>Avenue, Queens NY</u> Purchase Order No. <u></u>		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard (5-7 Days) <input checked="" type="checkbox"/>		Report Type/Deliverables Summary Report <input type="checkbox"/> Summary w/ QA Summary <input type="checkbox"/> CT RCP Package <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> <i>Electronic Deliverables:</i> EDD (Specify Type) <input checked="" type="checkbox"/> Excel					
Volatiles 8270 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list		Semi-Vols., Pests/PCBs/Herb 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NIDEP list App. IX list SPLP or TCLP 608 PCR		Metals RCRAS PP13 list TAL CT15 list TAGM list NIDEP list Total Dissolved SPLP or TCLP Inhib. Metals LIST Below		Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium		Full Lists Pri. Poll. TCL Organics TAL, MeqCN Full TCLP Full App. IX Part 360 Reuse Part 360 Baseline Part 360 Groundwater Part 360 Residual NY ODEP Sewer NY SDEC Sewer TADM Sifier		Miscellaneous Parameters Color Phenols Cyanide-T Cyanide-A BOD5 CBOD5 BOD28 COD TOC, Phos. Oil & Grease TSS Total Solids TDS TPH-1664		Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input checked="" type="checkbox"/> <u>NY SDEC</u> <u>TGS 1.1.1</u> <u>groundwater</u> <u>quality</u> <u>standards</u>	
Matrix Codes S - soil Other - specify (oil, etc) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Choose Analyses Needed from the Menu Above and Enter Below <u>8260, 8270, 8081/8082, TAL metals (filtered), Chromiums (unfiltered), (filtered)</u>		Container Description(s) <u>3 vials, 3 ampers, 3 plastics</u>									
Sample Identification <u>MW-1</u> <u>MW-2</u> <u>Field Blank</u> <u>Trip Blank</u>		Date Sampled <u>10/29/14</u>		Sample Matrix <u>GW</u> <u>GW</u> <u>DI</u> <u>DI</u>		4°C _____ Frozen _____ HCl _____ ZnAc _____ HNO ₃ _____ MeOH _____ H ₂ SO ₄ _____ Ascorbic Acid _____ NaOH _____ Other _____		Temperature on Receipt <u>39 °C</u>					
Comments <u>11E" Designation Project</u>		Preservation Check those Applicable		Temperature <u>10/30/14 9am</u> <u>10/30/14 9am</u> <u>10/30/14 9am</u>		Signature <u>M. Baker</u> <u>T. Karayel</u>		Date/Time <u>10/30/14 9am</u> <u>10/30/14 9am</u> <u>10/30/14 9am</u>					



Technical Report

prepared for:

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

Report Date: 11/10/2014
Client Project ID: 14-133-1269-131-18 Avery Avenue, Queens
York Project (SDG) No.: 14J1280

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 11/10/2014
Client Project ID: 14-133-1269-131-18 Avery Avenue, Queens
York Project (SDG) No.: 14J1280

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 31, 2014 and listed below. The project was identified as your project: **14-133-1269-131-18 Avery Avenue, Queens.**

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14J1280-01	MW-3	Water	10/31/2014	10/31/2014
14J1280-02	MW-4	Water	10/31/2014	10/31/2014
14J1280-03	Field Blank	Water	10/31/2014	10/31/2014
14J1280-04	Trip Blank	Water	10/31/2014	10/31/2014

General Notes for York Project (SDG) No.: 14J1280

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/10/2014





Sample Information

Client Sample ID: MW-3 **York Sample ID:** 14J1280-01
York Project (SDG) No. 14J1280 **Client Project ID** 14-133-1269-131-18 Avery Avenue, Queens **Matrix** Water **Collection Date/Time** October 31, 2014 12:00 pm **Date Received** 10/31/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.54	J	ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
75-34-3	1,1-Dichloroethane	4.6		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
75-35-4	1,1-Dichloroethylene	1.3		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
123-91-1	1,4-Dioxane	ND		ug/L	80	160	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
78-93-3	2-Butanone	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
591-78-6	2-Hexanone	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
67-64-1	Acetone	ND		ug/L	2.0	4.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
107-02-8	Acrolein	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
107-13-1	Acrylonitrile	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
71-43-2	Benzene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
75-25-2	Bromoform	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
74-83-9	Bromomethane	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
75-15-0	Carbon disulfide	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
108-90-7	Chlorobenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
75-00-3	Chloroethane	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
67-66-3	Chloroform	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
74-87-3	Chloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
156-59-2	cis-1,2-Dichloroethylene	2.2		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS



Sample Information

Client Sample ID: MW-3 **York Sample ID:** 14J1280-01
York Project (SDG) No.: 14J1280 **Client Project ID:** 14-133-1269-131-18 Avery Avenue, Queens **Matrix:** Water **Collection Date/Time:** October 31, 2014 12:00 pm **Date Received:** 10/31/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
79-20-9	Methyl acetate	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	1.3		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
75-09-2	Methylene chloride	ND		ug/L	2.0	4.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
95-47-6	o-Xylene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	1.0	2.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
100-42-5	Styrene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
127-18-4	Tetrachloroethylene	48		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
108-88-3	Toluene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
79-01-6	Trichloroethylene	2.0		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.40	1.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
1330-20-7	* Xylenes, Total	ND		ug/L	1.2	3.0	2	EPA 8260C	11/07/2014 08:30	11/07/2014 12:34	SS
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.2 %			69-130						
460-00-4	Surrogate: p-Bromofluorobenzene	104 %			79-122						
2037-26-5	Surrogate: Toluene-d8	106 %			81-117						



Sample Information

Client Sample ID: MW-3

York Sample ID: 14J1280-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1280

14-133-1269-131-18 Avery Avenue, Queens

Water

October 31, 2014 12:00 pm

10/31/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
1912-24-9	Atrazine	ND		ug/L	0.526	0.526	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
92-87-5	Benzidine	ND		ug/L	10.5	21.1	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
65-85-0	Benzoic acid	ND		ug/L	26.3	52.6	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
92-52-4	1,1'-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH



Sample Information

Client Sample ID: MW-3

York Sample ID: 14J1280-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1280

14-133-1269-131-18 Avery Avenue, Queens

Water

October 31, 2014 12:00 pm

10/31/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
117-81-7	Bis(2-ethylhexyl)phthalate	2.12	B	ug/L	0.526	0.526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:10	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH



Sample Information

Client Sample ID: MW-3 **York Sample ID:** 14J1280-01
York Project (SDG) No.: 14J1280 **Client Project ID:** 14-133-1269-131-18 Avery Avenue, Queens **Matrix:** Water **Collection Date/Time:** October 31, 2014 12:00 pm **Date Received:** 10/31/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:17	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	34.6 %			10-47						
4165-62-2	Surrogate: Phenol-d5	23.8 %			10-37						
4165-60-0	Surrogate: Nitrobenzene-d5	51.9 %			10-109						
321-60-8	Surrogate: 2-Fluorobiphenyl	51.7 %			10-97						
118-79-6	Surrogate: 2,4,6-Tribromophenol	53.9 %			10-112						
1718-51-0	Surrogate: Terphenyl-d14	94.0 %			10-137						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
5103-74-2	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B	11/06/2014 07:36	11/07/2014 09:47	JW
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	45.0 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	67.9 %			30-120						



Sample Information

Client Sample ID: MW-3					York Sample ID: 14J1280-01
York Project (SDG) No. 14J1280	Client Project ID 14-133-1269-131-18 Avery Avenue, Queens	Matrix Water	Collection Date/Time October 31, 2014 12:00 pm	Date Received 10/31/2014	

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 11:59	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 11:59	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 11:59	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 11:59	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 11:59	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 11:59	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 11:59	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 11:59	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	53.0 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	53.5 %			30-120						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.776		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7440-39-3	Barium	0.081		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7440-70-2	Calcium	79.3		mg/L	0.050	0.050	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7440-48-4	Cobalt	0.007		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7439-89-6	Iron	2.79		mg/L	0.020	0.020	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7439-92-1	Lead	0.004		mg/L	0.003	0.003	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7439-95-4	Magnesium	30.5		mg/L	0.050	0.050	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7439-96-5	Manganese	1.82		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7440-02-0	Nickel	0.010		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7440-09-7	Potassium	5.78		mg/L	0.050	0.050	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7782-49-2	Selenium	0.025		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7440-23-5	Sodium	147		mg/L	0.100	0.100	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC
7440-66-6	Zinc	0.014		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:03	AMC



Sample Information

Client Sample ID: MW-3

York Sample ID: 14J1280-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1280

14-133-1269-131-18 Avery Avenue, Queens

Water

October 31, 2014 12:00 pm

10/31/2014

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7440-39-3	Barium	0.072		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7440-70-2	Calcium	77.2		mg/L	0.050	0.050	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7440-48-4	Cobalt	0.006		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7439-89-6	Iron	0.023		mg/L	0.020	0.020	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7439-95-4	Magnesium	29.9		mg/L	0.050	0.050	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7439-96-5	Manganese	1.80		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7440-02-0	Nickel	0.007		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7440-09-7	Potassium	5.27		mg/L	0.050	0.050	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7782-49-2	Selenium	0.026		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7440-23-5	Sodium	145		mg/L	0.100	0.100	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC
7440-66-6	Zinc	0.012		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:53	11/08/2014 00:33	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473	11/05/2014 16:27	11/06/2014 12:35	ALD

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473	11/05/2014 16:27	11/06/2014 12:35	ALD



Sample Information

Client Sample ID: MW-3 **York Sample ID:** 14J1280-01
York Project (SDG) No.: 14J1280 **Client Project ID:** 14-133-1269-131-18 Avery Avenue, Queens **Matrix:** Water **Collection Date/Time:** October 31, 2014 12:00 pm **Date Received:** 10/31/2014

Chromium, Hexavalent-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.00600	0.0100	1	EPA 7196A	11/03/2014 15:10	11/03/2014 15:48	AD

Chromium, Trivalent-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: *** DEFAULT PREP ***

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.00800	0.0100	1	Calculation	11/07/2014 17:59	11/10/2014 14:05	SC

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 14J1280-02
York Project (SDG) No.: 14J1280 **Client Project ID:** 14-133-1269-131-18 Avery Avenue, Queens **Matrix:** Water **Collection Date/Time:** October 31, 2014 12:00 pm **Date Received:** 10/31/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
71-55-6	1,1,1-Trichloroethane	0.93		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
75-34-3	1,1-Dichloroethane	8.0		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
75-35-4	1,1-Dichloroethylene	2.3		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS



Sample Information

Client Sample ID: MW-4

York Sample ID: 14J1280-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1280

14-133-1269-131-18 Avery Avenue, Queens

Water

October 31, 2014 12:00 pm

10/31/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
67-66-3	Chloroform	0.32	J	ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
156-59-2	cis-1,2-Dichloroethylene	3.2		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	1.7		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
127-18-4	Tetrachloroethylene	36		ug/L	2.0	5.0	10	EPA 8260C	11/06/2014 08:37	11/07/2014 13:07	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS



Sample Information

Client Sample ID: MW-4

York Sample ID: 14J1280-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1280

14-133-1269-131-18 Avery Avenue, Queens

Water

October 31, 2014 12:00 pm

10/31/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	3.6		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:16	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	127 %			69-130						
460-00-4	Surrogate: p-Bromofluorobenzene	101 %			79-122						
2037-26-5	Surrogate: Toluene-d8	101 %			81-117						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH



Sample Information

Client Sample ID: MW-4

York Sample ID: 14J1280-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1280

14-133-1269-131-18 Avery Avenue, Queens

Water

October 31, 2014 12:00 pm

10/31/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
117-81-7	Bis(2-ethylhexyl)phthalate	3.75	B	ug/L	0.513	0.513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH



Sample Information

Client Sample ID: MW-4

York Sample ID: 14J1280-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1280

14-133-1269-131-18 Avery Avenue, Queens

Water

October 31, 2014 12:00 pm

10/31/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 22:40	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 00:49	KH
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	36.9 %			10-47						
4165-62-2	Surrogate: Phenol-d5	26.3 %			10-37						
4165-60-0	Surrogate: Nitrobenzene-d5	61.7 %			10-109						
321-60-8	Surrogate: 2-Fluorobiphenyl	63.7 %			10-97						
118-79-6	Surrogate: 2,4,6-Tribromophenol	54.4 %			10-112						
1718-51-0	Surrogate: Terphenyl-d14	93.8 %			10-137						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
5103-74-2	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW



Sample Information

Client Sample ID: MW-4

York Sample ID: 14J1280-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1280

14-133-1269-131-18 Avery Avenue, Queens

Water

October 31, 2014 12:00 pm

10/31/2014

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:02	JW
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	47.4 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	74.7 %			30-120						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 12:18	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 12:18	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 12:18	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 12:18	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 12:18	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 12:18	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 12:18	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 12:18	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	55.5 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	56.5 %			30-120						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.183		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC
7440-39-3	Barium	0.075		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC
7440-70-2	Calcium	79.3		mg/L	0.050	0.050	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC



Sample Information

Client Sample ID: MW-4

York Sample ID: 14J1280-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1280

14-133-1269-131-18 Avery Avenue, Queens

Water

October 31, 2014 12:00 pm

10/31/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC
7440-48-4	Cobalt	0.007		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC
7440-50-8	Copper	0.003		mg/L	0.003	0.003	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC
7439-89-6	Iron	2.27		mg/L	0.020	0.020	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC
7439-92-1	Lead	0.004		mg/L	0.003	0.003	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC
7439-95-4	Magnesium	34.3		mg/L	0.050	0.050	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC
7439-96-5	Manganese	2.53		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC
7440-02-0	Nickel	0.009		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC
7440-09-7	Potassium	4.47		mg/L	0.050	0.050	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC
7782-49-2	Selenium	0.030		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC
7440-23-5	Sodium	132		mg/L	0.100	0.100	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC
7440-66-6	Zinc	0.015		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:08	AMC

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC
7440-39-3	Barium	0.072		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC
7440-70-2	Calcium	80.1		mg/L	0.050	0.050	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC
7440-48-4	Cobalt	0.007		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC
7439-89-6	Iron	0.028		mg/L	0.020	0.020	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC
7439-95-4	Magnesium	33.4		mg/L	0.050	0.050	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC
7439-96-5	Manganese	2.46		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC
7440-02-0	Nickel	0.008		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC
7440-09-7	Potassium	4.21		mg/L	0.050	0.050	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC
7782-49-2	Selenium	0.031		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC
7440-23-5	Sodium	133		mg/L	0.100	0.100	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC



Sample Information

Client Sample ID: MW-4 **York Sample ID:** 14J1280-02
York Project (SDG) No.: 14J1280 **Client Project ID:** 14-133-1269-131-18 Avery Avenue, Queens **Matrix:** Water **Collection Date/Time:** October 31, 2014 12:00 pm **Date Received:** 10/31/2014

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC
7440-66-6	Zinc	0.011		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:04	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473	11/05/2014 16:27	11/06/2014 12:35	ALD

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473	11/05/2014 16:27	11/06/2014 12:35	ALD

Chromium, Hexavalent-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.00600	0.0100	1	EPA 7196A	11/03/2014 15:10	11/03/2014 15:48	AD

Chromium, Trivalent-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: *** DEFAULT PREP ***

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.00800	0.0100	1	Calculation	11/07/2014 17:59	11/10/2014 14:05	SC

Sample Information

Client Sample ID: Field Blank **York Sample ID:** 14J1280-03
York Project (SDG) No.: 14J1280 **Client Project ID:** 14-133-1269-131-18 Avery Avenue, Queens **Matrix:** Water **Collection Date/Time:** October 31, 2014 12:00 pm **Date Received:** 10/31/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS



Sample Information

Client Sample ID: Field Blank

York Sample ID: 14J1280-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1280

14-133-1269-131-18 Avery Avenue, Queens

Water

October 31, 2014 12:00 pm

10/31/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS



Sample Information

Client Sample ID: Field Blank

York Sample ID: 14J1280-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1280

14-133-1269-131-18 Avery Avenue, Queens

Water

October 31, 2014 12:00 pm

10/31/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
127-18-4	Tetrachloroethylene	0.41	J	ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/06/2014 08:37	11/06/2014 23:57	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %	69-130								
460-00-4	Surrogate: p-Bromofluorobenzene	100 %	79-122								
2037-26-5	Surrogate: Toluene-d8	98.4 %	81-117								



Sample Information

Client Sample ID: Field Blank

York Sample ID: 14J1280-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1280

14-133-1269-131-18 Avery Avenue, Queens

Water

October 31, 2014 12:00 pm

10/31/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
92-52-4	1,1'-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH



Sample Information

Client Sample ID: Field Blank

York Sample ID: 14J1280-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1280

14-133-1269-131-18 Avery Avenue, Queens

Water

October 31, 2014 12:00 pm

10/31/2014

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.697	B	ug/L	0.513	0.513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	11/05/2014 05:52	11/05/2014 23:11	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH



Sample Information

Client Sample ID: Field Blank

York Sample ID: 14J1280-03

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/05/2014 05:52	11/06/2014 01:22	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	37.1 %			10-47						
4165-62-2	Surrogate: Phenol-d5	23.9 %			10-37						
4165-60-0	Surrogate: Nitrobenzene-d5	58.1 %			10-109						
321-60-8	Surrogate: 2-Fluorobiphenyl	61.4 %			10-97						
118-79-6	Surrogate: 2,4,6-Tribromophenol	52.1 %			10-112						
1718-51-0	Surrogate: Terphenyl-d14	109 %			10-137						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
5103-74-2	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B	11/06/2014 07:36	11/07/2014 10:17	JW
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	56.3 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	58.0 %			30-120						



Sample Information

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10/31/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 12:38	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 12:38	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 12:38	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 12:38	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 12:38	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 12:38	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 12:38	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A	11/06/2014 07:36	11/07/2014 12:38	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	65.0 %			30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	62.5 %			30-120						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7440-39-3	Barium	ND		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7440-70-2	Calcium	0.070		mg/L	0.050	0.050	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7439-95-4	Magnesium	ND		mg/L	0.050	0.050	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7439-96-5	Manganese	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7440-09-7	Potassium	ND		mg/L	0.050	0.050	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7440-23-5	Sodium	0.494		mg/L	0.100	0.100	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC
7440-66-6	Zinc	ND		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:47	11/07/2014 22:13	AMC



Sample Information

Client Sample ID: Field Blank

York Sample ID: 14J1280-03

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Water

October 31, 2014 12:00 pm

10/31/2014

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7440-39-3	Barium	ND		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7440-70-2	Calcium	0.050		mg/L	0.050	0.050	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7439-95-4	Magnesium	ND		mg/L	0.050	0.050	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7439-96-5	Manganese	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7440-09-7	Potassium	ND		mg/L	0.050	0.050	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7440-23-5	Sodium	0.103		mg/L	0.100	0.100	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC
7440-66-6	Zinc	ND		mg/L	0.010	0.010	1	EPA 6010C	11/07/2014 17:53	11/08/2014 01:09	AMC

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473	11/05/2014 16:27	11/06/2014 12:35	ALD

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473	11/05/2014 16:27	11/06/2014 12:35	ALD



Sample Information

Client Sample ID: Field Blank

York Sample ID: 14J1280-03

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Chromium, Hexavalent-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.00600	0.0100	1	EPA 7196A	11/03/2014 15:10	11/03/2014 15:48	AD

Chromium, Trivalent-Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: *** DEFAULT PREP ***

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.00800	0.0100	1	Calculation	11/07/2014 17:59	11/10/2014 14:05	SC

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14J1280-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1280

14-133-1269-131-18 Avery Avenue, Queens

Water

October 31, 2014 12:00 pm

10/31/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14J1280-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1280

14-133-1269-131-18 Avery Avenue, Queens

Water

October 31, 2014 12:00 pm

10/31/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
67-64-1	Acetone	1.7	Cal-E, CCV-E, , J, B	ug/L	1.0	2.0	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
75-09-2	Methylene chloride	3.8		ug/L	1.0	2.0	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 14J1280-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1280

14-133-1269-131-18 Avery Avenue, Queens

Water

October 31, 2014 12:00 pm

10/31/2014

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	11/07/2014 08:30	11/07/2014 13:40	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.3 %			69-130						
460-00-4	Surrogate: p-Bromofluorobenzene	103 %			79-122						
2037-26-5	Surrogate: Toluene-d8	96.5 %			81-117						



Volatile Analysis Sample Containers

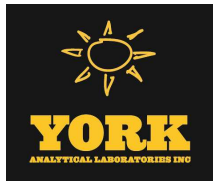
Lab ID	Client Sample ID	Volatile Sample Container
14J1280-01	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14J1280-02	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14J1280-03	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14J1280-04	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool 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.
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.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20% AND correlation coefficient <0.990 for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
<hr/>	
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.



If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

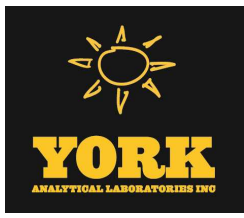
2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

APPENDIX H

LABORATORY DELIVERABLES FOR SOIL VAPOR ANALYTICAL DATA



Technical Report

prepared for:

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

Report Date: 11/05/2014
Client Project ID: 14-133-1270 131-24 Avery Ave Queens NY
York Project (SDG) No.: 14J1186

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 11/05/2014
Client Project ID: 14-133-1270 131-24 Avery Ave Queens NY
York Project (SDG) No.: 14J1186

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 30, 2014 and listed below. The project was identified as your project: **14-133-1270 131-24 Avery Ave Queens NY**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14J1186-01	SV-1 (S02)	Soil Vapor	10/29/2014	10/30/2014
14J1186-02	SV-2 (16955)	Soil Vapor	10/29/2014	10/30/2014
14J1186-03	SV-3 (16973)	Soil Vapor	10/29/2014	10/30/2014
14J1186-04	SV-4 (15523)	Soil Vapor	10/29/2014	10/30/2014

General Notes for York Project (SDG) No.: 14J1186

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/05/2014





Sample Information

Client Sample ID: SV-1 (S02) York Sample ID: 14J1186-01
York Project (SDG) No. 14J1186 Client Project ID 14-133-1270 131-24 Avery Ave Queens NY Matrix Soil Vapor Collection Date/Time October 29, 2014 3:00 pm Date Received 10/30/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m ³	1.7	1.7	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
108-05-4	Vinyl acetate	ND		ug/m ³	9.1	9.1	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
79-01-6	Trichloroethylene	8100		ug/m ³	14	14	103.4	EPA TO-15	11/04/2014 15:41	11/05/2014 10:22	rb
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	12	12	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
156-60-5	trans-1,2-Dichloroethylene	22		ug/m ³	10	10	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
108-88-3	Toluene	22		ug/m ³	9.7	9.7	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
109-99-9	* Tetrahydrofuran	ND		ug/m ³	7.6	7.6	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
127-18-4	Tetrachloroethylene	14000		ug/m ³	18	18	103.4	EPA TO-15	11/04/2014 15:41	11/05/2014 10:22	rb
100-42-5	Styrene	ND		ug/m ³	11	11	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
115-07-1	* Propylene	13		ug/m ³	4.4	4.4	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
622-96-8	* p-Ethyltoluene	ND		ug/m ³	13	13	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
179601-23-1	p- & m- Xylenes	ND		ug/m ³	22	22	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
95-47-6	o-Xylene	ND		ug/m ³	11	11	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
110-54-3	n-Hexane	ND		ug/m ³	9.1	9.1	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
142-82-5	n-Heptane	ND		ug/m ³	11	11	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
75-09-2	Methylene chloride	ND		ug/m ³	18	18	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	9.3	9.3	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	11	11	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
67-63-0	Isopropanol	ND		ug/m ³	13	13	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
87-68-3	Hexachlorobutadiene	ND		ug/m ³	28	28	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
100-41-4	Ethyl Benzene	ND		ug/m ³	11	11	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
141-78-6	* Ethyl acetate	ND		ug/m ³	19	19	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
110-82-7	Cyclohexane	ND		ug/m ³	8.9	8.9	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	12	12	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
156-59-2	cis-1,2-Dichloroethylene	46		ug/m ³	10	10	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
74-87-3	Chloromethane	ND		ug/m ³	5.3	5.3	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
67-66-3	Chloroform	35		ug/m ³	13	13	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
75-00-3	Chloroethane	ND		ug/m ³	6.8	6.8	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
56-23-5	Carbon tetrachloride	ND		ug/m ³	4.1	4.1	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
75-15-0	Carbon disulfide	ND		ug/m ³	8.0	8.0	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
74-83-9	Bromomethane	ND		ug/m ³	10	10	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
75-25-2	Bromoform	ND		ug/m ³	27	27	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
75-27-4	Bromodichloromethane	ND		ug/m ³	16	16	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
100-44-7	Benzyl chloride	ND		ug/m ³	13	13	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
71-43-2	Benzene	ND		ug/m ³	8.3	8.3	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb



Sample Information

Client Sample ID: SV-1 (S02)

York Sample ID: 14J1186-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1186

14-133-1270 131-24 Avery Ave Queens NY

Soil Vapor

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	590		ug/m ³	6.1	6.1	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
591-78-6	* 2-Hexanone	ND		ug/m ³	21	21	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
78-93-3	2-Butanone	22		ug/m ³	7.6	7.6	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
123-91-1	1,4-Dioxane	ND		ug/m ³	9.3	9.3	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	16	16	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	16	16	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
106-99-0	1,3-Butadiene	ND		ug/m ³	11	11	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	13	13	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	18	18	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
78-87-5	1,2-Dichloropropane	ND		ug/m ³	12	12	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
107-06-2	1,2-Dichloroethane	ND		ug/m ³	10	10	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	16	16	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	13	13	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	19	19	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	10	10	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
75-34-3	1,1-Dichloroethane	ND		ug/m ³	10	10	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	15	15	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	14	14	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	20	20	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	18	18	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	14	14	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	13	13	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
106-93-4	1,2-Dibromoethane	ND		ug/m ³	20	20	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
124-48-1	Dibromochloromethane	ND		ug/m ³	21	21	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
80-62-6	Methyl Methacrylate	ND		ug/m ³	11	11	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
108-90-7	Chlorobenzene	ND		ug/m ³	12	12	25.85	EPA TO-15	11/04/2014 15:41	11/05/2014 02:56	rb
	Surrogate Recoveries	Result				Acceptance Range					
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	101 %				72-118					

Sample Information

Client Sample ID: SV-2 (16955)

York Sample ID: 14J1186-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1186

14-133-1270 131-24 Avery Ave Queens NY

Soil Vapor

October 29, 2014 3:00 pm

10/30/2014



Sample Information

Client Sample ID: SV-2 (16955)

York Sample ID: 14J1186-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1186

14-133-1270 131-24 Avery Ave Queens NY

Soil Vapor

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m ³	1.6	1.6	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
108-05-4	Vinyl acetate	ND		ug/m ³	8.9	8.9	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
79-01-6	Trichloroethylene	14000		ug/m ³	14	14	100.8	EPA TO-15	11/04/2014 15:41	11/05/2014 11:12	rb
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	11	11	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
156-60-5	trans-1,2-Dichloroethylene	23		ug/m ³	10	10	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
108-88-3	Toluene	24		ug/m ³	9.5	9.5	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
109-99-9	* Tetrahydrofuran	ND		ug/m ³	7.4	7.4	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
127-18-4	Tetrachloroethylene	18000		ug/m ³	17	17	100.8	EPA TO-15	11/04/2014 15:41	11/05/2014 11:12	rb
100-42-5	Styrene	ND		ug/m ³	11	11	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
115-07-1	* Propylene	6.5		ug/m ³	4.3	4.3	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
622-96-8	* p-Ethyltoluene	ND		ug/m ³	12	12	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
179601-23-1	p- & m- Xylenes	ND		ug/m ³	22	22	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
95-47-6	o-Xylene	ND		ug/m ³	11	11	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
110-54-3	n-Hexane	ND		ug/m ³	8.9	8.9	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
142-82-5	n-Heptane	ND		ug/m ³	10	10	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
75-09-2	Methylene chloride	ND		ug/m ³	18	18	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	9.1	9.1	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	10	10	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
67-63-0	Isopropanol	36		ug/m ³	12	12	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
87-68-3	Hexachlorobutadiene	ND		ug/m ³	27	27	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
100-41-4	Ethyl Benzene	ND		ug/m ³	11	11	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
141-78-6	* Ethyl acetate	ND		ug/m ³	18	18	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
110-82-7	Cyclohexane	ND		ug/m ³	8.7	8.7	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	11	11	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
156-59-2	cis-1,2-Dichloroethylene	44		ug/m ³	10	10	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
74-87-3	Chloromethane	ND		ug/m ³	5.2	5.2	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
67-66-3	Chloroform	36		ug/m ³	12	12	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
75-00-3	Chloroethane	ND		ug/m ³	6.6	6.6	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
56-23-5	Carbon tetrachloride	ND		ug/m ³	4.0	4.0	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
75-15-0	Carbon disulfide	ND		ug/m ³	7.8	7.8	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
74-83-9	Bromomethane	ND		ug/m ³	9.8	9.8	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
75-25-2	Bromoform	ND		ug/m ³	26	26	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
75-27-4	Bromodichloromethane	ND		ug/m ³	16	16	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
100-44-7	Benzyl chloride	ND		ug/m ³	13	13	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
71-43-2	Benzene	ND		ug/m ³	8.1	8.1	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
67-64-1	Acetone	800		ug/m ³	6.0	6.0	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
591-78-6	* 2-Hexanone	ND		ug/m ³	21	21	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb



Sample Information

Client Sample ID: SV-2 (16955)

York Sample ID: 14J1186-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1186

14-133-1270 131-24 Avery Ave Queens NY

Soil Vapor

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	64		ug/m ³	7.4	7.4	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
123-91-1	1,4-Dioxane	ND		ug/m ³	9.1	9.1	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	15	15	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	15	15	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
106-99-0	1,3-Butadiene	ND		ug/m ³	11	11	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	12	12	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	18	18	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
78-87-5	1,2-Dichloropropane	ND		ug/m ³	12	12	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
107-06-2	1,2-Dichloroethane	ND		ug/m ³	10	10	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	15	15	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	12	12	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	19	19	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	10	10	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
75-34-3	1,1-Dichloroethane	ND		ug/m ³	10	10	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	14	14	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	14	14	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	19	19	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	17	17	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	14	14	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	12	12	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
106-93-4	1,2-Dibromoethane	ND		ug/m ³	19	19	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
124-48-1	Dibromochloromethane	ND		ug/m ³	20	20	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
80-62-6	Methyl Methacrylate	ND		ug/m ³	10	10	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
108-90-7	Chlorobenzene	ND		ug/m ³	12	12	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 03:45	rb
	Surrogate Recoveries	Result			Acceptance Range						
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	102 %			72-118						

Sample Information

Client Sample ID: SV-3 (16973)

York Sample ID: 14J1186-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1186

14-133-1270 131-24 Avery Ave Queens NY

Soil Vapor

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SV-3 (16973)

York Sample ID: 14J1186-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1186

14-133-1270 131-24 Avery Ave Queens NY

Soil Vapor

October 29, 2014 3:00 pm

10/30/2014

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	54		ug/m ³	1.6	1.6	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
108-05-4	Vinyl acetate	ND		ug/m ³	8.9	8.9	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
79-01-6	Trichloroethylene	26000		ug/m ³	17	17	126	EPA TO-15	11/04/2014 15:41	11/05/2014 12:01	rb
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	11	11	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
156-60-5	trans-1,2-Dichloroethylene	2000		ug/m ³	10	10	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
108-88-3	Toluene	27		ug/m ³	9.5	9.5	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
109-99-9	* Tetrahydrofuran	ND		ug/m ³	7.4	7.4	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
127-18-4	Tetrachloroethylene	4800		ug/m ³	4.3	4.3	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
100-42-5	Styrene	ND		ug/m ³	11	11	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
115-07-1	* Propylene	230		ug/m ³	4.3	4.3	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
622-96-8	* p-Ethyltoluene	ND		ug/m ³	12	12	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
179601-23-1	p- & m- Xylenes	ND		ug/m ³	22	22	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
95-47-6	o-Xylene	ND		ug/m ³	11	11	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
110-54-3	n-Hexane	22		ug/m ³	8.9	8.9	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
142-82-5	n-Heptane	ND		ug/m ³	10	10	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
75-09-2	Methylene chloride	35		ug/m ³	18	18	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	9.1	9.1	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	10	10	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
67-63-0	Isopropanol	19		ug/m ³	12	12	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
87-68-3	Hexachlorobutadiene	ND		ug/m ³	27	27	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
100-41-4	Ethyl Benzene	ND		ug/m ³	11	11	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
141-78-6	* Ethyl acetate	ND		ug/m ³	18	18	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
110-82-7	Cyclohexane	ND		ug/m ³	8.7	8.7	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	11	11	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
156-59-2	cis-1,2-Dichloroethylene	18000		ug/m ³	50	50	126	EPA TO-15	11/04/2014 15:41	11/05/2014 12:01	rb
74-87-3	Chloromethane	ND		ug/m ³	5.2	5.2	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
67-66-3	Chloroform	87		ug/m ³	12	12	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
75-00-3	Chloroethane	ND		ug/m ³	6.6	6.6	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
56-23-5	Carbon tetrachloride	ND		ug/m ³	4.0	4.0	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
75-15-0	Carbon disulfide	22		ug/m ³	7.8	7.8	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
74-83-9	Bromomethane	ND		ug/m ³	9.8	9.8	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
75-25-2	Bromoform	ND		ug/m ³	26	26	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
75-27-4	Bromodichloromethane	ND		ug/m ³	16	16	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
100-44-7	Benzyl chloride	ND		ug/m ³	13	13	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
71-43-2	Benzene	16		ug/m ³	8.1	8.1	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
67-64-1	Acetone	560		ug/m ³	6.0	6.0	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
591-78-6	* 2-Hexanone	ND		ug/m ³	21	21	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
78-93-3	2-Butanone	31		ug/m ³	7.4	7.4	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb
123-91-1	1,4-Dioxane	ND		ug/m ³	9.1	9.1	25.2	EPA TO-15	11/04/2014 15:41	11/05/2014 04:35	rb



Sample Information

Client Sample ID: SV-3 (16973)

York Sample ID: 14J1186-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1186

14-133-1270 131-24 Avery Ave Queens NY

Soil Vapor

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include various organic compounds like 1,4-Dichlorobenzene, 1,3-Dichlorobenzene, 1,3-Butadiene, etc.

Sample Information

Client Sample ID: SV-4 (15523)

York Sample ID: 14J1186-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1186

14-133-1270 131-24 Avery Ave Queens NY

Soil Vapor

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, LOD/MDL, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Vinyl Chloride.



Sample Information

Client Sample ID: SV-4 (15523)

York Sample ID: 14J1186-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1186

14-133-1270 131-24 Avery Ave Queens NY

Soil Vapor

October 29, 2014 3:00 pm

10/30/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/m ³	10	10	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
79-01-6	Trichloroethylene	22000		ug/m ³	15	15	115.2	EPA TO-15	11/04/2014 15:41	11/05/2014 12:50	rb
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	13	13	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
156-60-5	trans-1,2-Dichloroethylene	600		ug/m ³	11	11	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
108-88-3	Toluene	40		ug/m ³	11	11	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
109-99-9	* Tetrahydrofuran	ND		ug/m ³	8.5	8.5	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
127-18-4	Tetrachloroethylene	2300		ug/m ³	4.9	4.9	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
100-42-5	Styrene	ND		ug/m ³	12	12	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
115-07-1	* Propylene	340		ug/m ³	5.0	5.0	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
622-96-8	* p-Ethyltoluene	ND		ug/m ³	14	14	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
179601-23-1	p- & m- Xylenes	ND		ug/m ³	25	25	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
95-47-6	o-Xylene	ND		ug/m ³	13	13	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
110-54-3	n-Hexane	23		ug/m ³	10	10	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
142-82-5	n-Heptane	12		ug/m ³	12	12	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
75-09-2	Methylene chloride	ND		ug/m ³	20	20	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	10	10	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	12	12	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
67-63-0	Isopropanol	ND		ug/m ³	14	14	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
87-68-3	Hexachlorobutadiene	ND		ug/m ³	31	31	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
100-41-4	Ethyl Benzene	ND		ug/m ³	13	13	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
141-78-6	* Ethyl acetate	ND		ug/m ³	21	21	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
110-82-7	Cyclohexane	ND		ug/m ³	9.9	9.9	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	13	13	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
156-59-2	cis-1,2-Dichloroethylene	4600		ug/m ³	11	11	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
74-87-3	Chloromethane	ND		ug/m ³	5.9	5.9	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
67-66-3	Chloroform	82		ug/m ³	14	14	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
75-00-3	Chloroethane	ND		ug/m ³	7.6	7.6	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
56-23-5	Carbon tetrachloride	ND		ug/m ³	4.5	4.5	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
75-15-0	Carbon disulfide	20		ug/m ³	9.0	9.0	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
74-83-9	Bromomethane	ND		ug/m ³	11	11	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
75-25-2	Bromoform	ND		ug/m ³	30	30	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
75-27-4	Bromodichloromethane	ND		ug/m ³	18	18	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
100-44-7	Benzyl chloride	ND		ug/m ³	15	15	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
71-43-2	Benzene	27		ug/m ³	9.2	9.2	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
67-64-1	Acetone	510		ug/m ³	6.8	6.8	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
591-78-6	* 2-Hexanone	ND		ug/m ³	24	24	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
78-93-3	2-Butanone	25		ug/m ³	8.5	8.5	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb



Sample Information

Client Sample ID: SV-4 (15523)

York Sample ID: 14J1186-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1186

14-133-1270 131-24 Avery Ave Queens NY

Soil Vapor

October 29, 2014 3:00 pm

10/30/2014

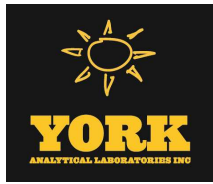
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/m ³	10	10	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	17	17	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	17	17	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
106-99-0	1,3-Butadiene	91		ug/m ³	12	12	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	14	14	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	20	20	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
78-87-5	1,2-Dichloropropane	ND		ug/m ³	13	13	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
107-06-2	1,2-Dichloroethane	ND		ug/m ³	12	12	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	17	17	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	14	14	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	21	21	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	11	11	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
75-34-3	1,1-Dichloroethane	ND		ug/m ³	12	12	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	16	16	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	16	16	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	22	22	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	20	20	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	16	16	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	14	14	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
106-93-4	1,2-Dibromoethane	ND		ug/m ³	22	22	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
124-48-1	Dibromochloromethane	ND		ug/m ³	23	23	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
80-62-6	Methyl Methacrylate	ND		ug/m ³	12	12	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
108-90-7	Chlorobenzene	ND		ug/m ³	13	13	28.8	EPA TO-15	11/04/2014 15:41	11/05/2014 05:24	rb
	Surrogate Recoveries	Result		Acceptance Range							
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	103 %		72-118							



Analytical Batch Summary

Batch ID: BK40115

Preparation Method: EPA TO15 PREP

Prepared By: RQB

YORK Sample ID	Client Sample ID	Preparation Date
14J1186-01	SV-1 (S02)	11/04/14
14J1186-02	SV-2 (16955)	11/04/14
14J1186-03	SV-3 (16973)	11/04/14
14J1186-04	SV-4 (15523)	11/04/14
BK40115-BLK1	Blank	11/04/14
BK40115-BS1	LCS	11/04/14



Volatile Organic Compounds in Air by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40115 - EPA TO15 PREP

Blank (BK40115-BLK1)

Prepared & Analyzed: 11/04/2014

Vinyl Chloride	ND	0.064	ug/m ³								
Vinyl acetate	ND	0.35	"								
Trichloroethylene	ND	0.13	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
Toluene	ND	0.38	"								
Tetrahydrofuran	ND	0.29	"								
Tetrachloroethylene	ND	0.17	"								
Styrene	ND	0.43	"								
Propylene	ND	0.17	"								
p-Ethyltoluene	ND	0.49	"								
p- & m- Xylenes	ND	0.87	"								
o-Xylene	ND	0.43	"								
n-Hexane	ND	0.35	"								
n-Heptane	ND	0.41	"								
Methylene chloride	ND	0.69	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
4-Methyl-2-pentanone	ND	0.41	"								
Isopropanol	ND	0.49	"								
Hexachlorobutadiene	ND	1.1	"								
Ethyl Benzene	ND	0.43	"								
Ethyl acetate	ND	0.72	"								
Cyclohexane	ND	0.34	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
Chloromethane	ND	0.21	"								
Chloroform	ND	0.49	"								
Chloroethane	ND	0.26	"								
Carbon tetrachloride	ND	0.16	"								
Carbon disulfide	ND	0.31	"								
Bromomethane	ND	0.39	"								
Bromoform	ND	1.0	"								
Bromodichloromethane	ND	0.62	"								
Benzyl chloride	ND	0.52	"								
Benzene	ND	0.32	"								
Acetone	ND	0.24	"								
2-Hexanone	ND	0.82	"								
2-Butanone	ND	0.29	"								
1,4-Dioxane	ND	0.36	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Butadiene	ND	0.43	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,1-Dichloroethylene	ND	0.40	"								
1,1-Dichloroethane	ND	0.40	"								



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40115 - EPA TO15 PREP

Blank (BK40115-BLK1)

Prepared & Analyzed: 11/04/2014

Trichlorofluoromethane (Freon 11)	ND	0.56	ug/m ³								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
Dibromochloromethane	ND	0.80	"								
Methyl Methacrylate	ND	0.41	"								
Chlorobenzene	ND	0.46	"								

<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.19</i>		<i>ppbv</i>	<i>9.60</i>		<i>95.7</i>	<i>72-118</i>				
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LCS (BK40115-BS1)

Prepared & Analyzed: 11/04/2014

Vinyl Chloride	12.5		ppbv	9.70		129	70-130				
Vinyl acetate	5.12		"	10.8		47.4	70-130	Low Bias			
Trichloroethylene	8.26		"	9.90		83.4	70-130				
trans-1,3-Dichloropropylene	9.86		"	10.9		90.5	70-130				
trans-1,2-Dichloroethylene	8.61		"	9.70		88.8	70-130				
Toluene	9.88		"	10.4		95.0	70-130				
Tetrahydrofuran	7.62		"	9.20		82.8	70-130				
Tetrachloroethylene	7.95		"	10.0		79.5	70-130				
Styrene	10.2		"	10.3		99.5	70-130				
Propylene	8.73		"	10.4		83.9	70-130				
p-Ethyltoluene	10.1		"	10.1		100	70-130				
p- & m- Xylenes	20.3		"	20.2		100	70-130				
o-Xylene	10.3		"	10.5		98.3	70-130				
n-Hexane	8.75		"	10.0		87.5	70-130				
n-Heptane	8.69		"	10.3		84.4	70-130				
Methylene chloride	8.45		"	9.90		85.4	70-130				
Methyl tert-butyl ether (MTBE)	8.69		"	9.80		88.7	70-130				
4-Methyl-2-pentanone	8.08		"	9.20		87.8	70-130				
Isopropanol	7.78		"	9.20		84.6	70-130				
Hexachlorobutadiene	8.88		"	9.90		89.7	70-130				
Ethyl Benzene	9.86		"	10.3		95.7	70-130				
Ethyl acetate	10.7		"	8.50		126	70-130				
Cyclohexane	8.76		"	10.1		86.7	70-130				
cis-1,3-Dichloropropylene	9.54		"	10.5		90.9	70-130				
cis-1,2-Dichloroethylene	9.59		"	10.3		93.1	70-130				
Chloromethane	13.8		"	9.70		142	70-130	High Bias			
Chloroform	9.21		"	10.1		91.2	70-130				
Chloroethane	9.35		"	9.90		94.4	70-130				
Carbon tetrachloride	8.00		"	10.2		78.4	70-130				
Carbon disulfide	9.15		"	10.5		87.1	70-130				
Bromomethane	9.44		"	9.90		95.4	70-130				
Bromoform	9.44		"	10.1		93.5	70-130				
Bromodichloromethane	10.0		"	9.90		102	70-130				
Benzyl chloride	10.2		"	10.2		100	70-130				
Benzene	9.47		"	10.2		92.8	70-130				
Acetone	8.34		"	9.80		85.1	70-130				
2-Hexanone	7.80		"	9.30		83.9	70-130				
2-Butanone	8.53		"	9.40		90.7	70-130				
1,4-Dioxane	6.99		"	9.90		70.6	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK40115 - EPA TO15 PREP

LCS (BK40115-BS1)

Prepared & Analyzed: 11/04/2014

1,4-Dichlorobenzene	9.25		ppbv	10.2		90.7	70-130				
1,3-Dichlorobenzene	9.32		"	10.2		91.4	70-130				
1,3-Butadiene	14.3		"	10.1		142	70-130	High Bias			
1,3,5-Trimethylbenzene	9.52		"	10.2		93.3	70-130				
1,2-Dichlorotetrafluoroethane	9.48		"	10.2		92.9	70-130				
1,2-Dichloropropane	9.85		"	10.3		95.6	70-130				
1,2-Dichloroethane	8.67		"	10.1		85.8	70-130				
1,2-Dichlorobenzene	9.24		"	10.1		91.5	70-130				
1,2,4-Trimethylbenzene	9.90		"	10.2		97.1	70-130				
1,2,4-Trichlorobenzene	9.89		"	9.60		103	70-130				
1,1-Dichloroethylene	8.91		"	10.0		89.1	70-130				
1,1-Dichloroethane	9.20		"	10.0		92.0	70-130				
Trichlorofluoromethane (Freon 11)	9.73		"	10.5		92.7	70-130				
1,1,2-Trichloroethane	9.96		"	10.3		96.7	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.89		"	9.70		91.6	70-130				
1,1,2,2-Tetrachloroethane	9.91		"	10.5		94.4	70-130				
1,1,1-Trichloroethane	8.68		"	9.90		87.7	70-130				
Dichlorodifluoromethane	7.94		"	10.0		79.4	70-130				
1,2-Dibromoethane	9.60		"	10.3		93.2	70-130				
Dibromochloromethane	10.2		"	10.3		98.7	70-130				
Methyl Methacrylate	9.35		"	9.50		98.4	70-130				
Chlorobenzene	9.24		"	10.4		88.8	70-130				
Surrogate: <i>p</i> -Bromofluorobenzene	9.87		"	9.60		103	72-118				



Notes and Definitions

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

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

Field Chain-of-Custody Record - AIR

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

YOUR Information Company: <u>Athenico Env. Serv.</u> Address: <u>15-09 Greenpoint Avenue, Queens, NY 11104</u> Phone No. <u>(718) 784-7490</u> Contact Person: <u>Ezgi Karayel</u> E-Mail Address: <u>ekarayel@athenico.com</u>		Report To: Company: _____ Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: YOUR Project ID: <u>14-133-1270</u> <u>131-24 or 131-32 Avery Avenue, Queens, NY</u> Purchase Order No. _____ Samples from: CT <u>NY</u> <u>X</u> NJ _____		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard(5-7 Days) <input checked="" type="checkbox"/>		Report Type/Deliverables Summary Report _____ Summary w/ QA Summary _____ CT RCP Package _____ NY ASP A Package _____ NY ASP B/CLP Pkg _____ NJDEP Reduced _____ Electronic Deliverables: _____ EDD (Specify Type) _____ <u>X</u> Standard Excel _____ Regulatory Comparison Excel _____ <u>X</u>	
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TO15 Volatiles and Other Gas Analyses EPA TO-15 List _____ NYSDEC VI list _____ NYSDEC STARS List _____ Project Specific List by TO-15 _____ NJDEP Target List _____ CTDEP RCP Target List _____		Tentatively Identified Compounds Air VPH _____ Helium _____ Methane _____ OTHER _____		Detection Limits Required ≤ 1 ug/m ³ _____ NYSDEC VI Limits _____ (VI = vapor density) NJDEP low level _____ Routine Survey _____ Other _____		Special Instructions _____	
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Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analytes Needed from the Menu Above and Enter Below	Sampling Media
SV-1 (502)	10/29/14	AS	30	15	TO-15	6 Liter Summa canister <u>X</u> Tedlar Bag _____
SV-2 (16955)	↑	↑	30	12	↑	6 Liter Summa canister <u>X</u> Tedlar Bag _____
SV-3 (16973)	↑	↑	28	12	↑	6 Liter Summa canister <u>X</u> Tedlar Bag _____
SV-4 (15523)	↑	↑	30	15	↑	6 Liter Summa canister <u>X</u> 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 _____

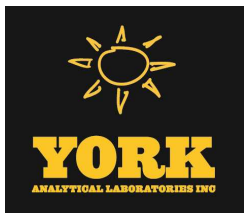
Comments: 11E Designation Project

Samples Relinquished By: [Signature] Date/Time: 10/30/14 9:00 AM

Samples Received By: H. Borke Date/Time: 10/30/14 9 AM

Samples Relinquished By: _____ Date/Time: _____

Samples Received in L.A.B. by: _____ Date/Time: _____



Technical Report

prepared for:

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

Report Date: 11/06/2014
Client Project ID: 14-133-1269 131-18 Avery Ave. Queens NY
York Project (SDG) No.: 14J1278

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 31, 2014 and listed below. The project was identified as your project: **14-133-1269 131-18 Avery Ave. Queens NY.**

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14J1278-01	SV-5 (S10)	Soil Vapor	10/31/2014	10/31/2014
14J1278-02	SV-6 (P17)	Soil Vapor	10/31/2014	10/31/2014

General Notes for York Project (SDG) No.: 14J1278

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 11/06/2014





Sample Information

Client Sample ID: SV-5 (S10)

York Sample ID: 14J1278-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1278

14-133-1269 131-18 Avery Ave. Queens NY

Soil Vapor

October 31, 2014 12:00 pm

10/31/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	71		ug/m ³	1.3	1.3	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
108-05-4	Vinyl acetate	ND		ug/m ³	7.4	7.4	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
79-01-6	Trichloroethylene	8700		ug/m ³	11	11	84	EPA TO-15	11/04/2014 15:41	11/05/2014 18:37	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	9.5	9.5	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
156-60-5	trans-1,2-Dichloroethylene	560		ug/m ³	8.3	8.3	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
108-88-3	Toluene	9.5		ug/m ³	7.9	7.9	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
109-99-9	* Tetrahydrofuran	ND		ug/m ³	6.2	6.2	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
127-18-4	Tetrachloroethylene	500		ug/m ³	3.6	3.6	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
100-42-5	Styrene	ND		ug/m ³	8.9	8.9	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
115-07-1	* Propylene	ND		ug/m ³	3.6	3.6	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
622-96-8	* p-Ethyltoluene	ND		ug/m ³	10	10	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
179601-23-1	p- & m- Xylenes	ND		ug/m ³	18	18	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
95-47-6	o-Xylene	ND		ug/m ³	9.1	9.1	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
110-54-3	n-Hexane	10		ug/m ³	7.4	7.4	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
142-82-5	n-Heptane	ND		ug/m ³	8.6	8.6	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
75-09-2	Methylene chloride	ND		ug/m ³	15	15	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	7.6	7.6	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	8.6	8.6	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
67-63-0	Isopropanol	ND		ug/m ³	10	10	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
87-68-3	Hexachlorobutadiene	ND		ug/m ³	22	22	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
100-41-4	Ethyl Benzene	ND		ug/m ³	9.1	9.1	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
141-78-6	* Ethyl acetate	ND		ug/m ³	15	15	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
110-82-7	Cyclohexane	ND		ug/m ³	7.2	7.2	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	9.5	9.5	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
156-59-2	cis-1,2-Dichloroethylene	3300		ug/m ³	8.3	8.3	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
74-87-3	Chloromethane	ND		ug/m ³	4.3	4.3	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
67-66-3	Chloroform	110		ug/m ³	10	10	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
75-00-3	Chloroethane	ND		ug/m ³	5.5	5.5	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.3	3.3	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
75-15-0	Carbon disulfide	12		ug/m ³	6.5	6.5	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
74-83-9	Bromomethane	ND		ug/m ³	8.2	8.2	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
75-25-2	Bromoform	ND		ug/m ³	22	22	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
75-27-4	Bromodichloromethane	ND		ug/m ³	13	13	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
100-44-7	Benzyl chloride	ND		ug/m ³	11	11	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
71-43-2	Benzene	ND		ug/m ³	6.7	6.7	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
67-64-1	Acetone	480		ug/m ³	5.0	5.0	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
591-78-6	* 2-Hexanone	ND		ug/m ³	17	17	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
78-93-3	2-Butanone	26		ug/m ³	6.2	6.2	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb



Sample Information

Client Sample ID: SV-5 (S10)

York Sample ID: 14J1278-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1278

14-133-1269 131-18 Avery Ave. Queens NY

Soil Vapor

October 31, 2014 12:00 pm

10/31/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
					LOD/MDL	LOQ					
123-91-1	1,4-Dioxane	ND		ug/m ³	7.6	7.6	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	13	13	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	13	13	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
106-99-0	1,3-Butadiene	ND		ug/m ³	9.1	9.1	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	10	10	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	15	15	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
78-87-5	1,2-Dichloropropane	ND		ug/m ³	9.7	9.7	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
107-06-2	1,2-Dichloroethane	ND		ug/m ³	8.5	8.5	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	13	13	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	10	10	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	16	16	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
75-35-4	1,1-Dichloroethylene	16		ug/m ³	8.3	8.3	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
75-34-3	1,1-Dichloroethane	43		ug/m ³	8.5	8.5	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	12	12	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	11	11	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	32		ug/m ³	16	16	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	14	14	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
71-55-6	1,1,1-Trichloroethane	15		ug/m ³	11	11	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	10	10	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
106-93-4	1,2-Dibromoethane	ND		ug/m ³	16	16	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
124-48-1	Dibromochloromethane	ND		ug/m ³	17	17	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
80-62-6	Methyl Methacrylate	ND		ug/m ³	8.6	8.6	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
108-90-7	Chlorobenzene	ND		ug/m ³	9.7	9.7	21	EPA TO-15	11/04/2014 15:41	11/05/2014 08:44	rb
	Surrogate Recoveries	Result			Acceptance Range						
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	101 %			72-118						

Sample Information

Client Sample ID: SV-6 (P17)

York Sample ID: 14J1278-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14J1278

14-133-1269 131-18 Avery Ave. Queens NY

Soil Vapor

October 31, 2014 12:00 pm

10/31/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
					LOD/MDL	LOQ					
75-01-4	Vinyl Chloride	19		ug/m ³	1.3	1.3	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
108-05-4	Vinyl acetate	ND		ug/m ³	7.1	7.1	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb



Sample Information

Client Sample ID: SV-6 (P17)

York Sample ID: 14J1278-02

York Project (SDG) No.

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14-133-1269 131-18 Avery Ave. Queens NY

Soil Vapor

October 31, 2014 12:00 pm

10/31/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
					LOD/MDL	LOQ					
79-01-6	Trichloroethylene	12000		ug/m ³	14	14	100.8	EPA TO-15	11/04/2014 15:41	11/05/2014 19:26	RB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	9.1	9.1	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
156-60-5	trans-1,2-Dichloroethylene	550		ug/m ³	8.0	8.0	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
108-88-3	Toluene	ND		ug/m ³	7.6	7.6	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
109-99-9	* Tetrahydrofuran	ND		ug/m ³	5.9	5.9	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
127-18-4	Tetrachloroethylene	910		ug/m ³	3.4	3.4	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
100-42-5	Styrene	ND		ug/m ³	8.6	8.6	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
115-07-1	* Propylene	ND		ug/m ³	3.5	3.5	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
622-96-8	* p-Ethyltoluene	ND		ug/m ³	9.9	9.9	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
179601-23-1	p- & m- Xylenes	ND		ug/m ³	18	18	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
95-47-6	o-Xylene	ND		ug/m ³	8.8	8.8	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
110-54-3	n-Hexane	ND		ug/m ³	7.1	7.1	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
142-82-5	n-Heptane	ND		ug/m ³	8.3	8.3	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
75-09-2	Methylene chloride	ND		ug/m ³	14	14	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	7.3	7.3	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	8.3	8.3	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
67-63-0	Isopropanol	ND		ug/m ³	9.9	9.9	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
87-68-3	Hexachlorobutadiene	ND		ug/m ³	22	22	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
100-41-4	Ethyl Benzene	ND		ug/m ³	8.8	8.8	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
141-78-6	* Ethyl acetate	ND		ug/m ³	15	15	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
110-82-7	Cyclohexane	ND		ug/m ³	6.9	6.9	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	9.1	9.1	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
156-59-2	cis-1,2-Dichloroethylene	2500		ug/m ³	8.0	8.0	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
74-87-3	Chloromethane	ND		ug/m ³	4.2	4.2	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
67-66-3	Chloroform	97		ug/m ³	9.8	9.8	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
75-00-3	Chloroethane	ND		ug/m ³	5.3	5.3	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.2	3.2	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
75-15-0	Carbon disulfide	ND		ug/m ³	6.3	6.3	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
74-83-9	Bromomethane	ND		ug/m ³	7.8	7.8	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
75-25-2	Bromoform	ND		ug/m ³	21	21	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
75-27-4	Bromodichloromethane	ND		ug/m ³	13	13	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
100-44-7	Benzyl chloride	ND		ug/m ³	10	10	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
71-43-2	Benzene	ND		ug/m ³	6.4	6.4	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
67-64-1	Acetone	290		ug/m ³	4.8	4.8	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
591-78-6	* 2-Hexanone	ND		ug/m ³	17	17	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
78-93-3	2-Butanone	20		ug/m ³	5.9	5.9	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
123-91-1	1,4-Dioxane	ND		ug/m ³	7.3	7.3	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	12	12	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	12	12	20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb



Sample Information

Client Sample ID: SV-6 (P17)

York Sample ID: 14J1278-02

York Project (SDG) No.

Client Project ID

Matrix

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14J1278

14-133-1269 131-18 Avery Ave. Queens NY

Soil Vapor

October 31, 2014 12:00 pm

10/31/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to		Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
						LOQ						
106-99-0	1,3-Butadiene	ND		ug/m ³	8.7	8.7		20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	9.9	9.9		20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	14	14		20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
78-87-5	1,2-Dichloropropane	ND		ug/m ³	9.3	9.3		20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
107-06-2	1,2-Dichloroethane	ND		ug/m ³	8.2	8.2		20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	12	12		20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	9.9	9.9		20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	15	15		20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
75-35-4	1,1-Dichloroethylene	22		ug/m ³	8.0	8.0		20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
75-34-3	1,1-Dichloroethane	68		ug/m ³	8.2	8.2		20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	11	11		20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	11	11		20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	37		ug/m ³	15	15		20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	14	14		20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
71-55-6	1,1,1-Trichloroethane	33		ug/m ³	11	11		20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	10	10		20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
106-93-4	1,2-Dibromoethane	ND		ug/m ³	15	15		20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
124-48-1	Dibromochloromethane	ND		ug/m ³	16	16		20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
80-62-6	Methyl Methacrylate	ND		ug/m ³	8.3	8.3		20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
108-90-7	Chlorobenzene	ND		ug/m ³	9.3	9.3		20.16	EPA TO-15	11/04/2014 15:41	11/05/2014 09:33	rb
	Surrogate Recoveries	Result			Acceptance Range							
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	107 %			72-118							



Notes and Definitions

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

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

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. 14J1278

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type/Deliverables	
Company: <u>Athenica Env. Serv.</u>		Company: _____		Company: _____		14-133-1269 -		RUSH - Same Day <input type="checkbox"/>		Summary Report	
Address: <u>45-09 Greengate Avenue, Queens, NY</u>		Address: _____		Address: _____		131-18 Avery Avenue, Queens, NY		RUSH - Next Day <input type="checkbox"/>		Summary w/ QA Summary	
Phone No. <u>(718) 784-7450</u>		Phone No. _____		Phone No. _____		Purchase Order No. _____		RUSH - Two Day <input type="checkbox"/>		CT RCP Package	
Contact Person: <u>Ezgi Karayel</u>		Attention: _____		Attention: _____		_____		RUSH - Three Day <input type="checkbox"/>		NY ASP A Package	
E-Mail Address: <u>ekarayel@athenica.com</u>		E-Mail Address: _____		E-Mail Address: _____		_____		RUSH - Four Day <input type="checkbox"/>		NY ASP B/CLP Pkg	
E-Mail Address: _____		E-Mail Address: _____		E-Mail Address: _____		_____		Standard (5-7 Days) <input checked="" type="checkbox"/>		NJDEP Reduced	

Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in until the appropriate time block will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)
E.R.
Name (printed)
Ethan Rainey

TO15 Volatiles and Other Gas Analyses
EPA TO-15 List
NYSDEC V1 list
NYSDEC STARS List
Project Specific List by TO-15
NJDEP Target List
CTDEP RCP Target List

Tentatively Identified Compounds
Air VPH
Helium
Methane
OTHER

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analytes Needed from the Menu Above and Enter Below	Sampling Media
SN-5 (S10)	10/31/14	AS	30	22*	TO-15	6 Liter Summa canister <input checked="" type="checkbox"/> Tedlar Bag
SN-6 (P17)	10/31/14	AS	30	9	TO-15	6 Liter Summa canister <input checked="" type="checkbox"/> 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
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag

Comments
"E" Designation Project
Canister would not drop below 22Hg after 5 hours running

Samples Relinquished By E.R. Date/Time 10/31/14
Samples Relinquished By _____ Date/Time _____

Samples Received By [Signature] Date/Time 10/31/14 18:50
Samples Received in L.A.B by _____ Date/Time _____