200 EAST 135TH STREET

BRONX, NEW YORK

Remedial Investigation Report

OER Project Number: 13EHAN270X

NYC VCP Number: 16CVCP013X

Prepared for:

Chess Builders, LLC

63 Flushing Avenue, Brooklyn, New York 11205

(718) 522-5452

Prepared by:

Hydro Tech Environmental, Corp.

15 Ocean Avenue, 2nd Floor, Brooklyn, New York 11225

(718) 636-0800

September 2015

REMEDIAL INVESTIGATION REPORT

TABLE OF CONTENTS

FIGURES 3
LIST OF ACRONYMS 6
CERTIFICATION 7
EXECUTIVE SUMMARY 8
REMEDIAL INVESTIGATION REPORT 12
1.0 SITE BACKGROUND 12
1.1 Site Location and Current Usage 12
1.2 Proposed Redevelopment Plan 12
1.3 Description of Surrounding Property 13
2.0 SITE HISTORY 14
2.1 Past Uses and Ownership 14
2.2 Previous Investigations 14
2.3 Site Inspection 14
2.4 Areas of Concern 15
3.0 PROJECT MANAGEMENT 16
3.1 Project Organization 16
3.2 Health and Safety 16
3.3 Materials Management 16
4.0 REMEDIAL INVESTIGATION ACTIVITIES 17
4.1 Geophysical Investigation 17
4.2 Borings and Monitoring Wells 17
4.3 Sample Collection and Chemical Analysis 19
5.0 ENVIRONMENTAL EVALUATION 23
5.1 Geological and Hydrogeological Conditions 23
5.2 Soil Chemistry 23
5.3 Groundwater Chemistry 24
5.4 Soil Vapor Chemistry 25
5.5 Prior Activity 25
5.6 Impediments to Remedial Action 25

FIGURES

Figure 1: Site Location Map
Figure 2: Site Boundary Map
Figure 3: Proposed Redevelopment Plan
Figure 4: Land Use Map
Figure 5: Map of Areas of Concern
Figure 6: Locations of Soil Borings, Monitoring Wells and Soil Vapor Samples
Figure 7: Groundwater Flow Contour Diagram
Figure 8: Map of VOCs in Soil
Figure 9: Map of SVOCs in Soil
Figure 10: Map of Pesticides and PCBs in Soil
Figure 11: Map of Metals in Soil
Figure 12: Map of VOCs in Groundwater
Figure 13: Map of SVOCs in Groundwater
Figure 14: Map of Dissolved Metals in Groundwater
Figure 15: Map of Soil Vapors

TABLES

Table 1: Soil Samples Analytical Results for VOCs

Table 2: Soil Samples Analytical Results for SVOCs

Table 3: Soil Samples Analytical Results for Pesticides and PCBs

Table 4: Soil Samples Analytical Results for Metals

Table 5: Groundwater Samples Analytical Results for VOCs

Table 6: Groundwater Samples Analytical Results for SVOCs

Table 7: Groundwater Samples Analytical Results for Pesticides and PCBs

Table 8: Groundwater Samples Analytical Results for Metals

Table 9: Soil Vapor Analytical Results

APPENDICES

Appendix A: Previous Investigation (Subsurface [Phase II] Investigation by AKRF, Inc.)

Appendix B: Photographs

Appendix C: GPR Report

Appendix D: Soil Boring Geologic Logs

Appendix E: Monitoring Well Construction Logs

Appendix F: Well Purging and Sampling Logs

Appendix G: Soil Vapor Sampling Logs

Appendix H: Laboratory Data Deliverables for Soil Analytical Data

Appendix I: Laboratory Data Deliverables for Groundwater Analytical Data

Appendix J: Laboratory Data Deliverables for Soil Vapor Analytical Data

LIST OF ACRONYMS

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

CERTIFICATION

I, Mark E. Robbins, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the 200 East 135th Street Site, (OER Project Site No. 13EHAN270X, NYC VCP No. 16CVCP013X). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Mark E. Robbins	9/25/15	
Qualified Environmental Professional	Date	Signature

EXECUTIVE SUMMARY

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

Site Location and Current Usage

The Site is located at 200 East 135th Street in the Port Morris neighborhood of Bronx, New York and is identified as Block 2319 and Lot 60 (previously part of Lot 55) on the New York City Tax Map. **Figure 1** shows the Site location. The Site is 48,976-square feet in area and is bounded by Exterior Street/Major Deegan Expressway to the north, the Harlem River to the south and west and Third Avenue to the east. A map of the site boundary is shown in **Figure 2**. The Site consists of a vacant lot; the ground surface consists of gravel.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of a 25-story mixed-use commercial and residential use building. The proposed building will occupy 75% of the lot and will have a basement that will occupy 10,248-square feet of the building footprint (25% of the entire lot); the basement will be used for residential amenity, residential storage, laundry, a superintendent's office and building mechanics. The first floor will be used for parking, commercial space, a residential lobby, residential amenity, compactor room and electric meter room. The second floor will also be used for parking. Floors 3-25 will consist of residential units. The remainder of the Site will be reserved for the open air parking on the 1st and 2nd floors.

Excavation is anticipated to extend to 10 feet below grade surface (bgs) for the construction of the basement level; this depth will extend below the water table, which is approximately 8-12 feet bgs. Approximately 7,072 tons of soil will be excavated and removed from the Site.

Layout of the proposed site development is presented in **Figure 3**. The current zoning designation is M1-3/R8/MX-1. The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

Based upon the review of a Site Investigation by others that cited a previous Phase I, the following Site history was established. The Site was historically part of Lot 55, which was utilized as a railroad freight yard, a coal yard, a warehouse and various industrial uses. The Site is associated with NYSDEC Spill #0001384 which was reported on May 4, 2000 and subsequently closed on June 21, 2000 following the excavation and offsite removal of approximately 4,000 cubic yards of soil and the collection of post-excavation confirmatory endpoint samples from historical Lot 55.

The AOCs identified for this Site include:

1. The historical use of the Site as a railroad freight yard, a coal yard, a warehouse and various manufacturing purposes
2. The commercial use of surrounding properties includes furniture restoration.

Summary of the Work Performed under the Remedial Investigation

Hydro Tech Environmental, Corp. performed the following scope of work at the Site in June and July of 2015:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Conducted a Ground Penetrating Radar (GPR) survey of the Site to identify subsurface structures (i.e. tanks, building foundations, utilities, etc.);
3. Installed six (6) soil borings across the entire project Site, and collected twelve (12) soil samples for chemical analysis from the soil borings to evaluate soil quality;
4. Installed three (3) groundwater monitoring wells throughout the Site to establish groundwater flow and collected three (3) groundwater samples for chemical analysis to evaluate groundwater quality;
5. Installed five (5) soil vapor probes throughout the Site and collected six (6) samples for chemical analysis, including one (1) outdoor ambient air sample; and

6. At the request of NYCOER, collected one (1) additional ambient outdoor air sample in the southern portion of the site due to an elevated concentration of tetrachloroethylene in the original outdoor ambient air sample.

Summary of Environmental Findings

1. Elevation of the property is approximately 15 feet.
2. Depth to groundwater ranges from 8.85 to 12.02 feet at the Site.
3. Groundwater flow is generally from south to north beneath the Site.
4. Bedrock was not encountered at the Site.
5. The stratigraphy of the site, from the surface down to about 12 feet bgs, is classified as fill consisting of a mixture of gravel, sand, rocks and possibly other construction debris. Drilling did not occur deeper than 12 feet bgs and bedrock was not encountered.
6. Soil/fill samples results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives and Restricted Residential Soil Cleanup Objectives (SCOs) as presented in 6NYCRR Part 375-6.8 and CP51. Soil/fill samples collected during the RI showed trace concentrations of several volatile organic compounds (VOCs) with acetone (max. 0.068 mg/kg) exceeding Unrestricted Use SCOs in two deep samples. Several semi-volatile organic compounds (SVOCs) consisting of Polycyclic Aromatic Hydrocarbons (PAH) compounds were detected with benz(a)anthracene (max. 5.70 mg/kg), benzo(a)pyrene (max. 1.14 mg/kg), benzo(b)fluoranthene (max. 1.24 mg/kg), benzo(k)fluoranthene (max. 1.21 mg/kg), chrysene (max. 5.49 mg/kg), dibenzo(a,h)anthracene (max. 0.453 mg/kg) and indeno(1,2,3-cd)pyrene (max. 0.874 mg/kg) exceeding Restricted Residential SCOs in five shallow and one deep sample. Pesticides were detected in four shallow samples and one deep sample at concentrations exceeding Unrestricted Use SCOs, including 4,4'-DDD (max. 0.0948 mg/kg), 4,4'-DDE (max. 0.0357 mg/kg) and 4,4'DDT (max. 0.177 mg/kg). Total PCBs (max. 0.72 mg/kg) exceeded Unrestricted Use SCOs in four shallow samples. Several metals including barium (max. 635 mg/kg), copper (max. 158 mg/kg), lead (max. 618 mg/kg), mercury (max. 0.36 mg/kg), nickel (max. 44.30 mg/kg), selenium (max. 12.70 mg/kg) and zinc (max. 497 mg/kg) were detected in all shallow samples and three deep samples exceeding Unrestricted Use SCOs. Of these metals, barium and lead

also exceeded Restricted Residential SCOs in two shallow samples. Overall, soil chemistry is unremarkable and is similar to sites with historic fill in New York City.

7. Groundwater samples results were compared to New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). Groundwater samples collected during the investigations showed no PCBs in any sample. Five (5) VOCs were detected above GQS in MW-1, including 1,2,4-Trimethylbenzene (500 µg/L), 1,2-Dichlorobenzene (1,200 µg/L), acetone (1,500 µg/L), naphthalene (1,500 µg/L) and n-Butylbenzene (670 µg/L). No other VOCs were detected in the other two groundwater samples. Several SVOCs were detected but only phenol (5.6 µg/L) was detected in MW-3 at a concentration exceeding its GQS. One pesticide 4,4'-DDD was detected in MW-1 at a concentration less than GQS. Several dissolved metals were identified in groundwater but only antimony (40 ug/L), lead (27 ug/L), magnesium (max. 145,000 ug/L), manganese (max. 3,260 ug/L), selenium (max. 60 ug/L) and sodium (max. 782,000 ug/L) exceeded their respective GQS.

8. Soil vapor results collected during the RI were compared to compounds listed in Table 3.1 Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006. Soil vapor collected during the RI showed moderate levels of petroleum-related VOCs. The petroleum related compounds ranged from 1.10 µg/m^3 to 110 µg/m^3. N-Hexane was the highest detected compound with a concentration of 110 µg/m^3 in SV-5. Total concentrations of petroleum-related VOCs (BTEX) was 100 µg/m^3 in SV-5. Chlorinated VOCs were also detected with tetrachloroethylene (PCE) detected at a maximum of 240 µg/m^3. Concentration for PCE was above the monitoring level ranges established within the State DOH soil vapor guidance matrix. PCE, trichloroethylene and carbon tetrachloride were also detected in the original outdoor ambient air sample but not in the second resample.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Chess Builders, LLC has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 1.12-acre site located at 200 East 135th Street in the Port Morris neighborhood of Bronx, New York. Mixed commercial and residential use is proposed for the property. The RI work was performed on June 10, June 11, June 16 and July 1, 2015. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 200 East 135th Street in the Port Morris neighborhood of Bronx, New York and is identified as Block 2319 and Lot 60 (previously part of Lot 55) on the New York City Tax Map. **Figure 1** shows the Site location. The Site is 48,976-square feet and is bounded by Exterior Street/Major Deegan Expressway to the north, the Harlem River to the south and west and Third Avenue to the east. A map of the site boundary is shown in **Figure 2**. The Site consists of a vacant lot; the ground surface consists of gravel.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of a 25-story mixed-use commercial and residential use building. The proposed building will occupy 75% of the lot and will have a basement that will occupy 10,248-square feet of the building footprint (25% of the entire lot); the basement will be used for residential amenity, residential storage, laundry, a superintendent's office and building mechanics. The first floor will be used for parking, commercial space, a residential lobby, residential amenity, compactor room and electric meter room. The second floor will also be used for parking. Floors 3-25 will consist of residential units. The remainder of the Site will be reserved for the open air parking on the 1st and 2nd floors.

Excavation is anticipated to 10 feet below grade surface (bgs) for construction of the basement level; this depth will extend below the water table which is approximately 8-12 feet bgs. Approximately 7,072 tons of soil will be excavated and removed from the Site.

Layout of the proposed site development is presented in **Figure 3**. The current zoning designation is M1-3/R8/MX-1. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The vicinity of the Site consists of residential, commercial and industrial properties. The ground surfaces in the vicinity of the Site consist of gravel, asphalt and bare soil. The Site is located on the south side of the Major Deegan Expressway and is bordered by commercial buildings to the east and commercial storage buildings to west and south, beyond which is the Harlem River. The results of the Site inspection and an evaluation of the United States Geological Survey (USRS) 7 ½-Minute Topographic Map containing the properties indicate there are no sensitive receptors (such as schools, hospitals or day-care facilities) present within a 0.125-mile radius of the Site.

Figure 4 shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Based upon the review of a Site Investigation by others that cited a previous Phase I, the following Site history was established. The Site was historically part of Lot 55, which was utilized as a railroad freight yard, a coal yard, a warehouse and various industrial uses. The Site is associated with NYSDEC Spill #0001384 which was reported on May 4, 2000 and subsequently closed on June 21, 2000 following the excavation and offsite removal of approximately 4,000 cubic yards of soil and the collection of post-excavation confirmatory endpoint samples from historical Lot 55.

2.2 Previous Investigations

Previous investigations performed at the Site include the following:

- Phase I Environmental Site Assessment, September 1997, Land Tech Remedial, Inc.;
- Phase II Subsurface Investigation, January 1998, Land Tech Remedial, Inc.;
- Supplemental Phase II Subsurface Investigation, February 1998, Land Tech Remedial, Inc.;
- Remedial Activities Report, November 1999, AKRF, Inc.;
- Phase I Environmental Site Assessment, April 2004, SECOR International, Inc.;
- Phase I Environmental Site Assessment Update, August 2006, AKRF, Inc.;
- Phase II Subsurface Investigation, December 2006, AKRF, Inc.;
- Remedial Action Plan, March 2007, AKRF, Inc.

2.3 Site Inspection

Ms. Morgan Violette of Hydro Tech Environmental, Corp. performed the site inspection for the Remedial Investigation on June 10, 2015. The reconnaissance included a visual inspection of the site and selection of soil, groundwater and soil vapor sampling locations. At the time of the inspection, the Site was a vacant graveled lot utilized for various automobile storage for an adjacent parcel (CubeSmart warehouse). No evidence of underground storage tanks or aboveground storage tanks was observed.

2.4 Areas of Concern

The AOCs identified for this site include:

1. The historical use of the Site as a railroad freight yard, a coal yard, a warehouse and various manufacturing purposes
2. The commercial use of surrounding properties includes furniture restoration.

A Subsurface Investigation by AKRF, Inc. is presented in **Appendix A**. A map showing areas of concern is presented in **Figure 5**.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

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

3.2 Health and Safety

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

3.3 Materials Management

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

4.0 REMEDIAL INVESTIGATION ACTIVITIES

Hydro Tech Environmental, Corp. performed the following scope of work at the Site in June and July of 2015:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Conducted a Ground Penetrating Radar (GPR) survey of the Site to identify subsurface structures (i.e. tanks, building foundations, utilities, etc.);
3. Installed six (6) soil borings across the entire project Site, and collected twelve (12) soil samples for chemical analysis from the soil borings to evaluate soil quality;
4. Installed three (3) groundwater monitoring wells throughout the Site to establish groundwater flow and collected three (3) groundwater samples for chemical analysis to evaluate groundwater quality;
5. Installed five (5) soil vapor probes throughout the Site and collected six (6) samples for chemical analysis, including one (1) outdoor ambient air sample; and
6. At the request of NYCOER, collected one (1) additional ambient outdoor air sample in the southern portion of the Site due to an elevated concentration of tetrachloroethylene in the original outdoor ambient air sample.

4.1 Geophysical Investigation

A geophysical survey was performed on June 10, 2015 across the entire Site to investigate for the presence of potential USTs, drums, etc. No anomalies were identified. A copy of the geophysical survey scan is included in Appendix C.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

A total of six (6) soil probes, designated SP-1 through SP-6, were installed to a depth of 12 feet bgs. All soil probes were installed utilizing Hydro Tech's fleet of Geoprobe units with Geoprobe tooling and sampling equipment. Soil samples were collected utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners. The soil was screened and characterized at two-foot intervals. Each Macro Core was cut open and immediately screened with a Photo

Ionization Detector (PID) for VOCs, prior to collecting the required samples for laboratory analysis. No PID readings above background concentrations were detected. Continuous soil samples were collected during soil probe installation.

Boring logs were prepared by a geologist are attached in **Appendix D**. A map showing the location of soil borings and monitor wells is shown in **Figure 6**.

Groundwater Monitoring Well Construction

Three (3) groundwater monitoring wells, designated MW-1 through MW-3, were installed using a Geoprobe to a total depth of 25 feet bgs and are constructed of 1-inch diameter PVC. The well screens consist of 0.020-inch slots and extend 20 feet from the bottom of the well to intersect the water table. The remaining portions of the wells consist of solid riser.

Monitoring well locations are shown in **Figure 6**. Details of the monitoring well construction are presented in **Appendix E**.

Survey

Soil borings, monitoring wells and soil gas sampling locations were located by measuring to permanent site features.

Water Level Measurement

Prior to groundwater purging and sampling of the monitoring wells, the wells were gauged for the presence of Light, Non-Aqueous Phase Liquid (LNAPL) and also monitored to determine the depth to water. The well gauging and monitoring was performed utilizing a Solinst® 122 Oil/Water Interface Probe (Interface Probe). The Interface Probe can measure depths to water to 0.01 inch. Well gauging and monitoring was performed in the wells from the northern portion of the casing top. LNAPL was not identified in the monitoring wells during the well gauging exercise.

Groundwater was encountered between 8.85 feet to 12.02 feet bgs at the Site. The groundwater flow contour diagram is shown in **Figure 7**. Water level data is included in **Appendix F**.

Soil Vapor

Five (5) soil vapor probes, designated SV-1 through SV-5, were installed to a depth of 6 feet bgs. The soil vapor probes were installed in accordance with the NYSDOH guidance for evaluating soil vapor intrusion dated October 2006. Each soil vapor sampling point consists of a stainless steel screen, or implant, fitted with dedicated polyethylene tubing. Each of the implants was of 1 ½-inch diameter. Glass beads were poured into the hole to fully encompass the screen implant and the hole was sealed with bentonite and quick dry-lock non-VOC quick set cement. A map showing the locations of soil vapor implants is shown in **Figure 6**.

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

Twelve (12) soil samples were collected for chemical analysis during this RI; these include six (6) samples from zero to 2 feet bgs and six (6) samples from 10 to 12 feet bgs. Samples were collected utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners.

All samples were properly handled and placed into the pre-cleaned, appropriately labeled, laboratory supplied containers. Two field blank samples and one trip blank were collected and submitted to the laboratory. The samples were placed in a cooler filled with ice and maintained at a maximum of 4 degrees Celsius. All samples were transmitted under proper chain of custody procedures to a New York State Department of Health ELAP-certified laboratory for confirmatory laboratory analyses. All soil samples were analyzed for the presence of volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082, and target analyte list

(TAL) metals. The laboratory did not report any irregularities with respect to their internal Quality Assurance/Quality Control.

Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in **Tables 1** through **4**. **Figure 6** shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

Groundwater Sampling

Three (3) groundwater samples were collected for chemical analysis during this RI. Groundwater samples from the monitoring wells were collected using the low stress (low flow) purging and sampling procedures. The low flow was accomplished with a Solinst Bladder Pump and the continuous flow was monitored with a Horiba U-52 water quality meter until the readings had stabilized.

The water samples were collected in laboratory-supplied jars, properly labeled with the sample number, the date and time of sampling, the analytical requirements, and then placed on ice for the duration of the sampling and transport to the laboratory. A chain of custody form was completed at the time of sampling and maintained until disposition of the samples at the ELAP certified and accredited laboratory. The groundwater samples were analyzed for TCL VOCs, TCL SVOCs, pesticides, PCBs, dissolved and total TAL metals.

Groundwater sample collection data is reported in **Tables 5** through **8**. Sampling logs with information on purging and sampling of groundwater monitor wells is included in **Appendix F**. **Figure 6** shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Soil Vapor Sampling

Five (5) soil vapor probes were installed and five (5) soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in **Figure 6**. Soil vapor sample collection data is reported in **Table 9**. Soil vapor sampling logs are included in **Appendix G**. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

Dedicated tubing was used for each soil vapor probe. A soil vapor sample was collected from each vapor probe utilizing a 6 liter pre-cleaned, passivated, evacuated whole air Summa® Canister. In order to insure the integrity of the borehole seal and to verify that ambient air is not

inadvertently drawn into the sample, a tracer gas, Helium, was used to enrich the atmosphere in the immediate vicinity of the sampling location. Plastic sheeting was used to keep the tracer gas in contact with the soil vapor probe during the sampling while continuously monitoring air drawn from the implant with a helium detector (Dielectric Model MGD-2002, Multi-gas Detector). Helium detector readings did not exceed zero ppm indicating Helium was not detected. Following verification that the surface seal was tight and prior to soil vapor sampling, approximately 0.3 ml of air was purged out of all vapor points utilizing a syringe.

The soil vapor probes were connected to ¼-inch outer diameter inert Teflon-lined polyethylene tubing which extended above ground surface to allow for purging and sampling. The Summa Canisters were calibrated for 4 hours and the soil vapor sampling was run on each canister for the duration of 4 hours. The initial vacuum (inches of mercury) and start time was recorded immediately after opening each Summa Canister. After the sampling was complete, the final vacuum and stop time was recorded. After the soil vapor sampling, each Summa was labeled and sent to a laboratory certified to perform air analysis in New York State and analyzed for VOCs via EPA TO-15.

Chemical Analysis

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

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Mark E. Robbins
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and were York Analytical Laboratories, Inc.
Chemical Analytical Methods	Soil and groundwater analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007);

Factor	Description
	• Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in **Tables 1** through **9**. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in **Appendices H through J**.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

The Site is located in the southwest portion of Bronx County, New York. The elevation of the Site is approximately 15 feet above mean sea level (USGS 7 ½-Minute Central Park, New York Quadrangle, 1995).

Stratigraphy

The stratigraphy of the Site, from the surface down to about 12 feet bgs, is classified as fill consisting of a mixture of gravel, sand, rocks and possibly construction debris. Drilling did not occur deeper than 12 feet bgs and bedrock was not encountered.

Hydrogeology

Water level data for all monitoring wells is included in **Appendix F**. The depth to water ranges from 8.85 feet to 12.02 feet. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in **Figure 7**. Groundwater flow is towards the north.

5.2 Soil Chemistry

Soil/fill samples collected during the RI show one volatile organic compound (VOC), acetone (max. 0.068 mg/kg), exceeding Track 1 Unrestricted Use Soil Cleanup Objectives in two deep samples. VOCs detected but not exceeding Track 1 SCOs include 2-Butanone, Methyl tert-butyl ether (MTBE), Methylene chloride and Naphthalene. Semi-volatile organic compounds (SVOCs) consisting of PAH compounds were detected in five shallow soil samples and one deep soil sample at concentrations exceeding Track 1 SCOs, including Benzo(a)anthracene (max. 5.70 mg/kg), Benzo(a)pyrene (max. 1.14 mg/kg), Benzo(b)pyrene (max. 1.14 mg/kg), Benzo(k)fluoranthene (max. 1.21 mg/kg), Chrysene (max. 5.49 mg/kg), Dibenzo(a,h)anthracene (max. 0.453 mg/kg) and Indeno(1,2,3-cd)pyrene (max. 0.874 mg/kg). SVOCs detected but not exceeding Track 1 SCOs include Acenaphthene, Acenaphthylene, Anthracene, Benzo(g,h,i)perylene, Benzyl butyl phthalate, Bis(2-ethylhexyl)phthalate, Dibenzofuran, Fluoranthene, Fluorene, Naphthalene, Phenanthrene and Pyrene. Pesticides were detected in four shallow samples and one deep sample at concentrations exceeding Track 1 SCOs, including 4,4'-DDD (max. 0.0948 mg/kg), 4,4'-DDE (max. 0.0357 mg/kg) and 4,4'DDT (max. 0.177 mg/kg). No pesticides were detected in any remaining soil samples. No PCBs were detected exceeding Track 1 SCOs. PCBs detected but not exceeding Track 1 SCOs include Aroclor 1248, Aroclor 1254 and Aroclor 1260. Metals were detected in all samples. One metal, Lead (max. 618 mg/kg)

was detected in one shallow soil sample exceeding Track 2 Restricted Residential Use SCOs. Barium (max. 635 mg/kg), Copper (max. 158 mg/kg), Mercury (max. 0.36 mg/kg), Nickel (max. 44.30 mg/kg), Selenium (max. 12.70 mg/kg) and Zinc (max. 497 mg/kg) were detected in all shallow samples and three deep samples exceeding Track 1 SCOs. Arsenic, Cadmium, Chromium Trivalent and Manganese were detected at concentrations less than Track 1 SCOs.

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in **Tables 1** through **4**. **Figures 8** through **11** show the locations and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 2 Soil Cleanup Objectives.

5.3 Groundwater Chemistry

Groundwater samples collected during the RI show five (5) VOCs detected above New York State 6 NYCRR Part 703.5 Groundwater Quality Standards (GQS) in MW-1, including 1,2,4-Trimethylbenzene (500 µg/L), 1,2-Dichlorobenzene (1,200 µg/L), Acetone (1,500 µg/L), Naphthalene (1,500 µg/L) and n-Butylbenzene (670 µg/L). No other VOCs were detected in any other groundwater samples. One SVOC, phenol (5.6 µg/L), was detected in MW-3 at a concentration exceeding its GQS. The SVOCs Anthracene, Bis(2-ethylhexyl)phthalate, Fluoranthene, Fluorene, Naphthalene and Phenanthrene were detected in MW-2 at concentrations less than GQS. No other SVOCs were detected in any other groundwater samples. The pesticide 4,4'-DDD was detected in MW-1 at a concentration less than GQS. No other pesticides or PCBs were detected in any other groundwater samples. Dissolved metals Antimony (40 ug/L), Lead (27 ug/L), Magnesium (max. 145,000 ug/L), Manganese (max. 3,260 ug/L), Selenium (max. 60 ug/L) and Sodium (max. 782,000 ug/L) were detected at concentrations exceeding GQS in all groundwater samples. Dissolved metals detected but not exceeding GQS include Arsenic, Barium, Chromium and Copper.

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in **Tables 5** through **8**. Exceedance of applicable groundwater standards are shown.

Figures 12 through **14** show the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

5.4 Soil Vapor Chemistry

Soil vapor results collected during the RI were compared to compounds listed in Table 3.1 Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006. Soil vapor results show petroleum related and associated derivatives in each sample. The petroleum related compounds range from 1.10 µg/m^3 to 110 µg/m^3. N-Hexane was the highest detected petroleum related compound with a concentration of 110 µg/m^3 in SV-5. Chlorinated hydrocarbons were also detected in soil vapor samples and range from 0.32 µg/m^3 to 240 µg/m^3. Concentrations of tetrachloroethylene (max. 130 µg/m^3) was also detected. Tetrachloroethylene was the highest detected chlorinated hydrocarbon with a concentration of 130 µg/m^3. PCE, trichloroethylene and carbon tetrachloride were also detected in the original outdoor ambient air sample but not in the second resample.

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 9**.

Figure 15 shows the location and posts the values for soil vapor samples with detected concentrations.

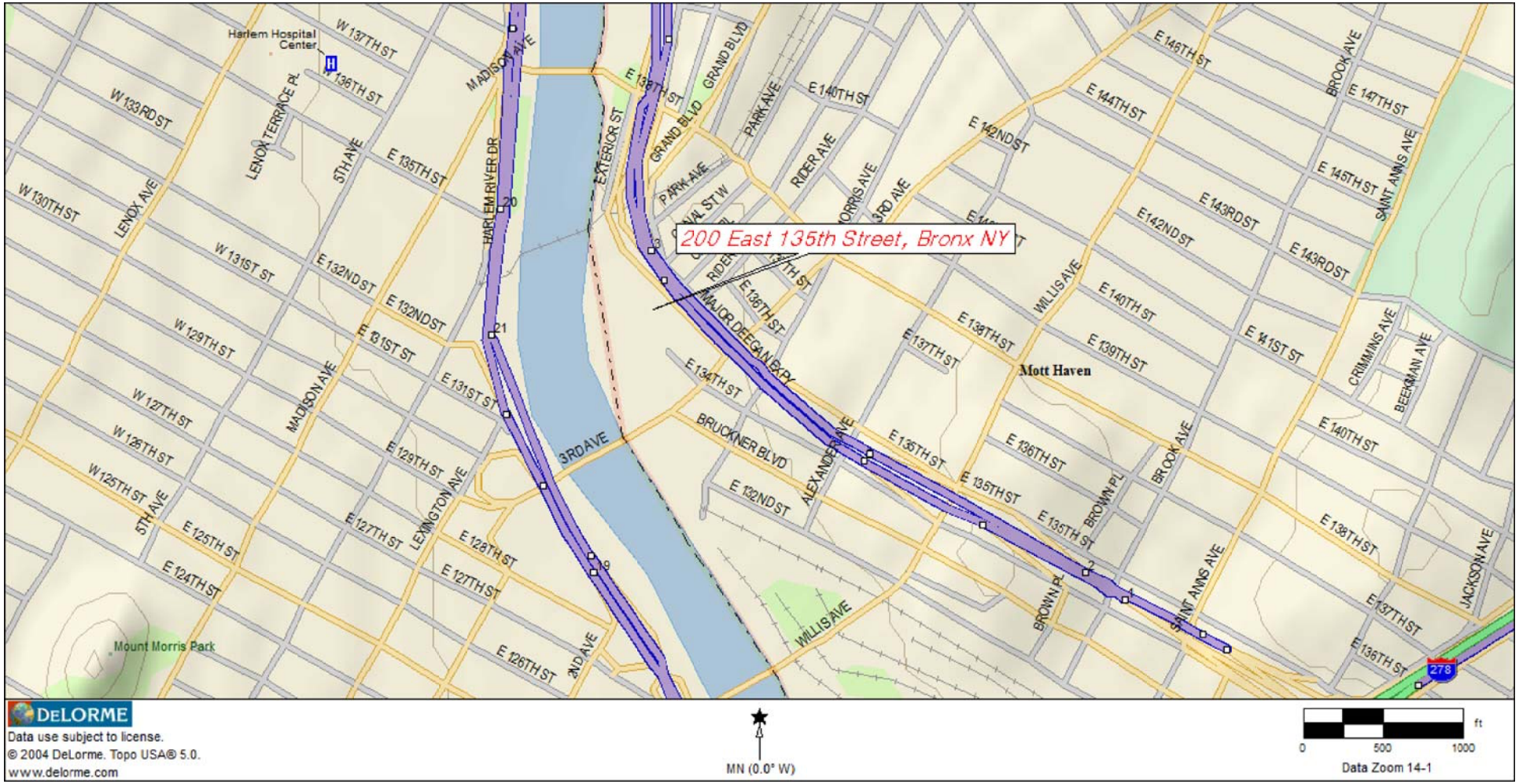
5.5 Prior Activity

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

5.6 Impediments to Remedial Action

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

FIGURES



HYDRO TECH ENVIRONMENTAL CORP.

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

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

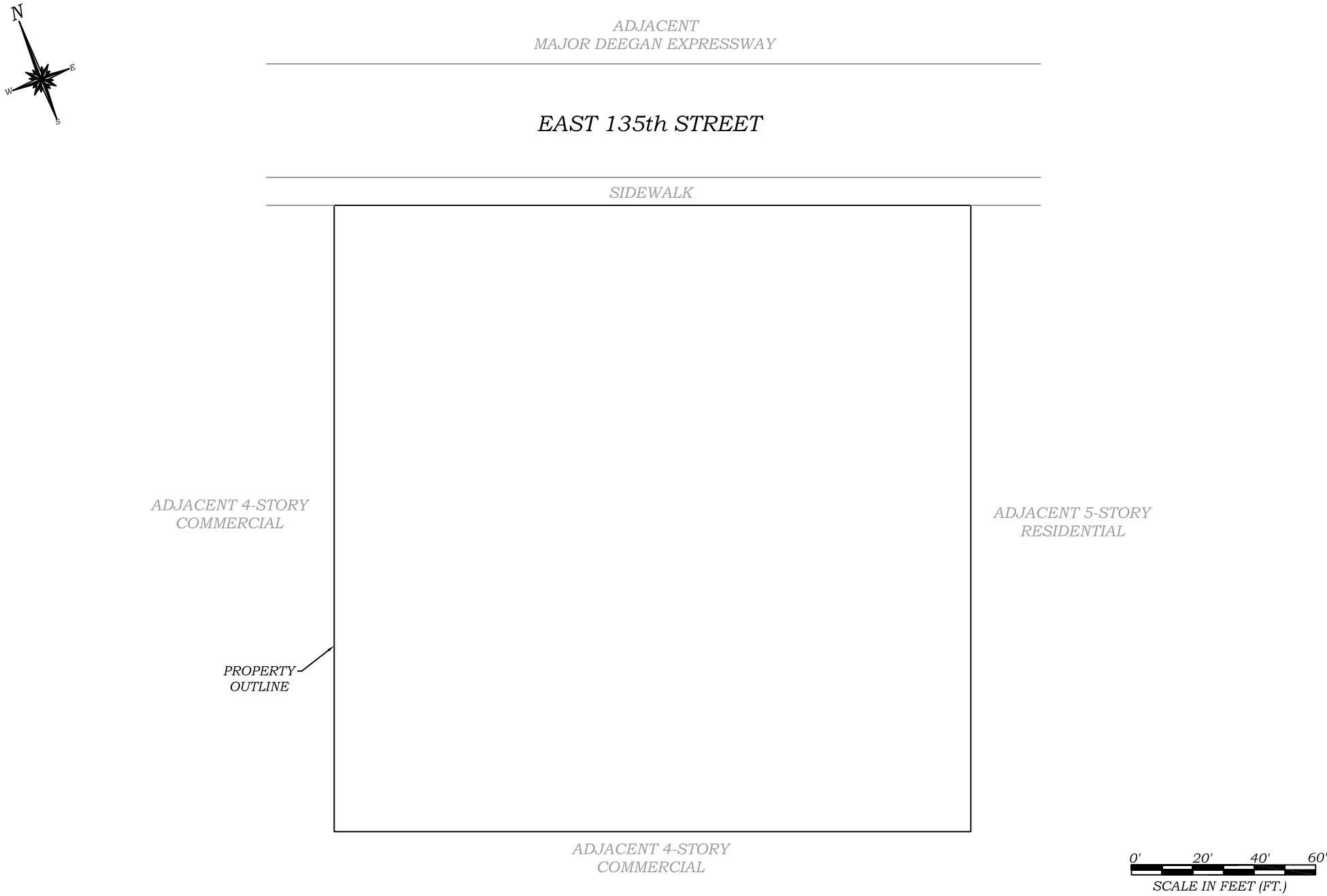
www.hydrotechenvironmental.com

200 East 135th Street
Bronx, NY.
HTE Job # 150133

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.R
Date: 07/20/15
Scale: AS NOTED

TITLE:

FIGURE 1: SITE LOCATION MAP



HYDRO TECH ENVIRONMENTAL CORP.

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

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

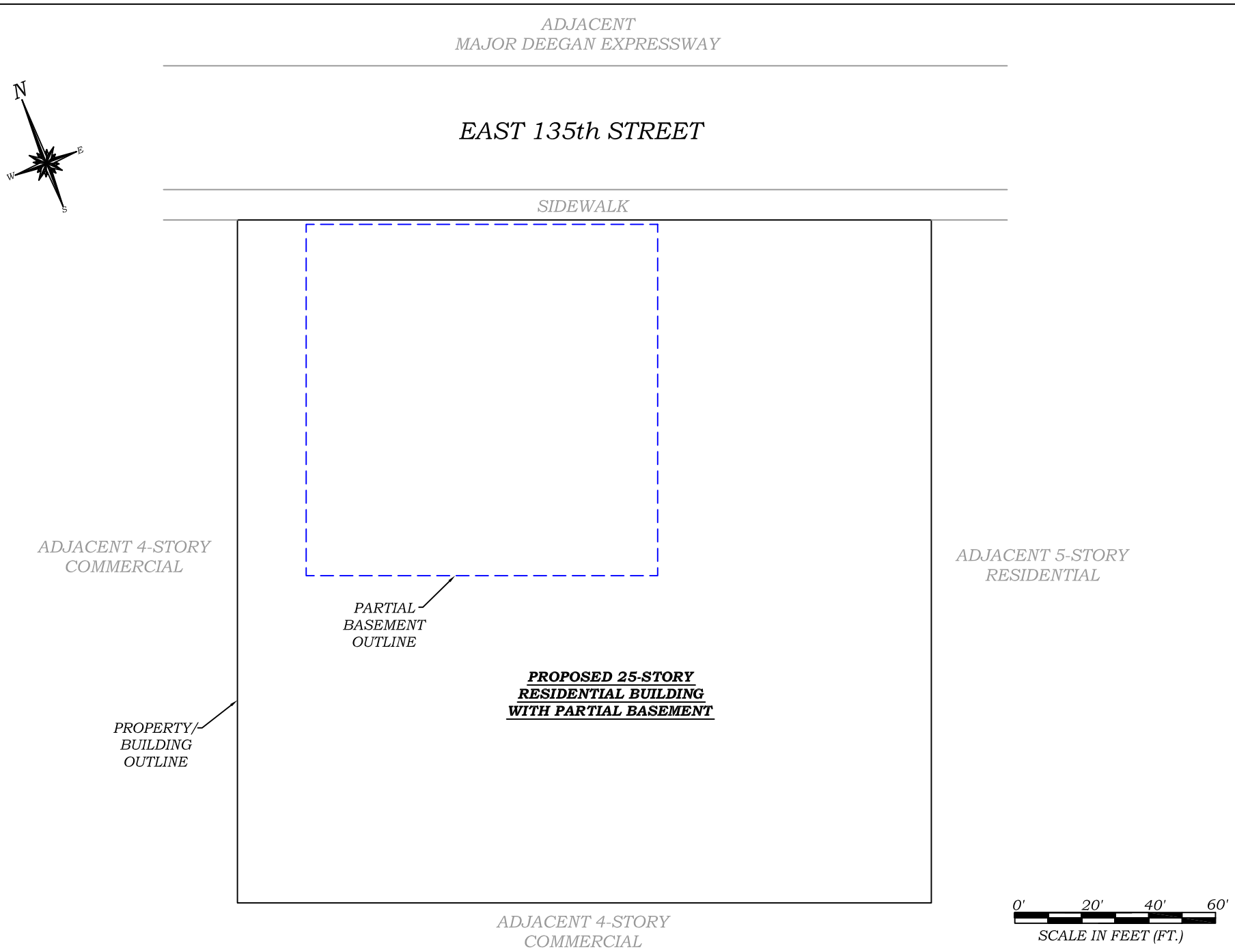
www.hydrotechenvironmental.com

200 East 135th Street
Bronx, NY.
HTE Job # 150133

Drawn By:	C.Q.
Reviewed By:	M.R
Approved By:	M.R
Date:	07/20/15
Scale:	AS NOTED

TITLE:

FIGURE 2: SITE BOUNDARY MAP



HYDRO TECH ENVIRONMENTAL CORP.

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

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

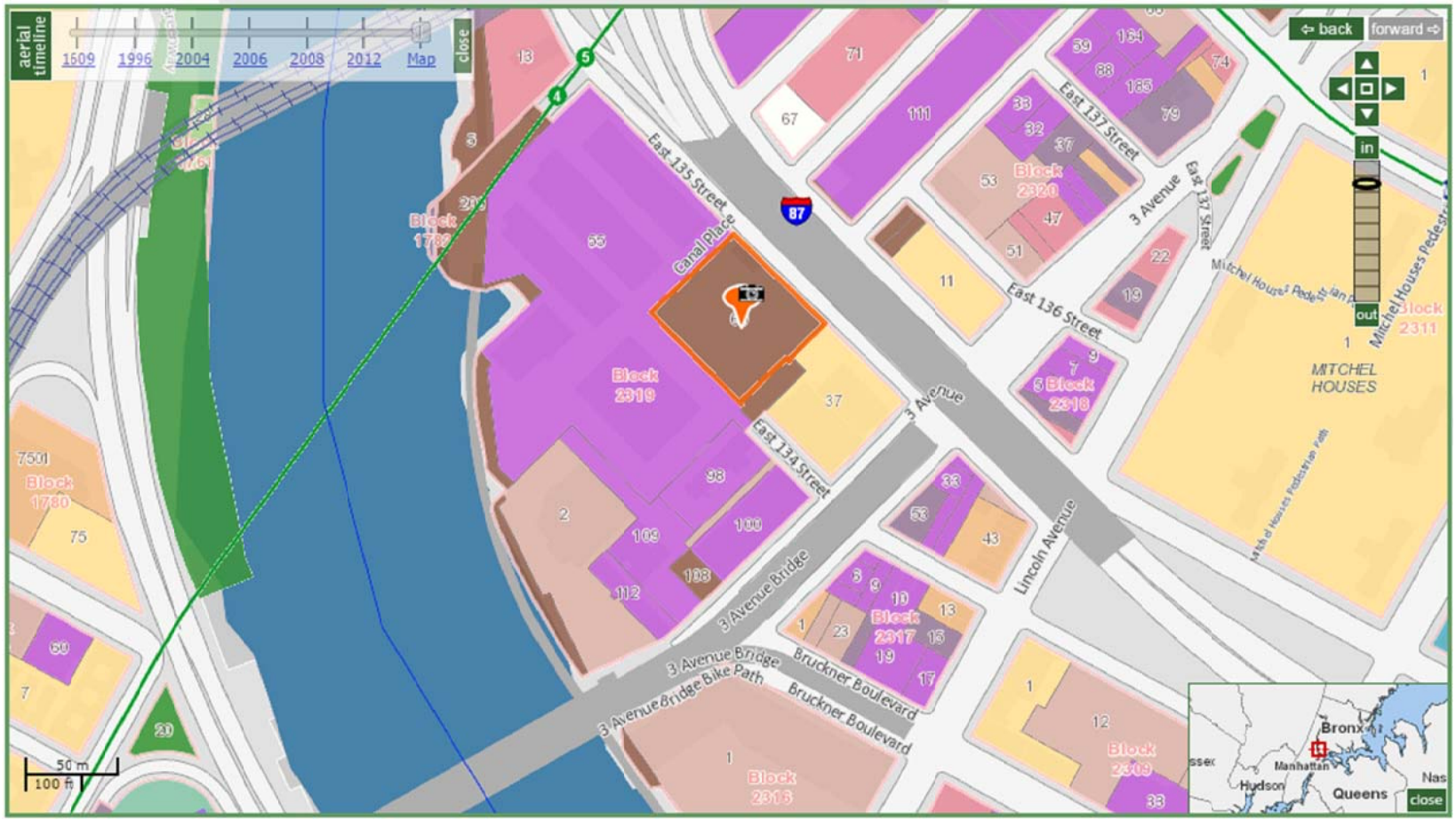
www.hydrotechenvironmental.com

200 East 135th Street
Bronx, NY.
HTE Job # 150133

Drawn By: C.Q.
Reviewed By:
Approved By: M.R
Date: 07/20/15
Scale: AS NOTED

TITLE:

FIGURE 3: PROPOSED DEVELOPMENT PLAN



Land Use

All land use categories

2003 2005 2007 2009 2014

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

HYDRO TECH ENVIRONMENTAL CORP.

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

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

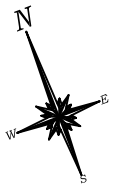
www.hydrotechenvironmental.com

200 East 135th Street
Bronx, NY.
HTE Job # 150133

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.R
Date: 07/20/15
Scale: AS NOTED

TITLE:

FIGURE 4: LAND USE MAP



ADJACENT
MAJOR DEEGAN EXPRESSWAY

EAST 135th STREET

SIDEWALK

ADJACENT 4-STORY
COMMERCIAL

AREA OF CONCERN

ADJACENT 5-STORY
RESIDENTIAL

PROPERTY
OUTLINE

ADJACENT 4-STORY
COMMERCIAL

0' 20' 40' 60'

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

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

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

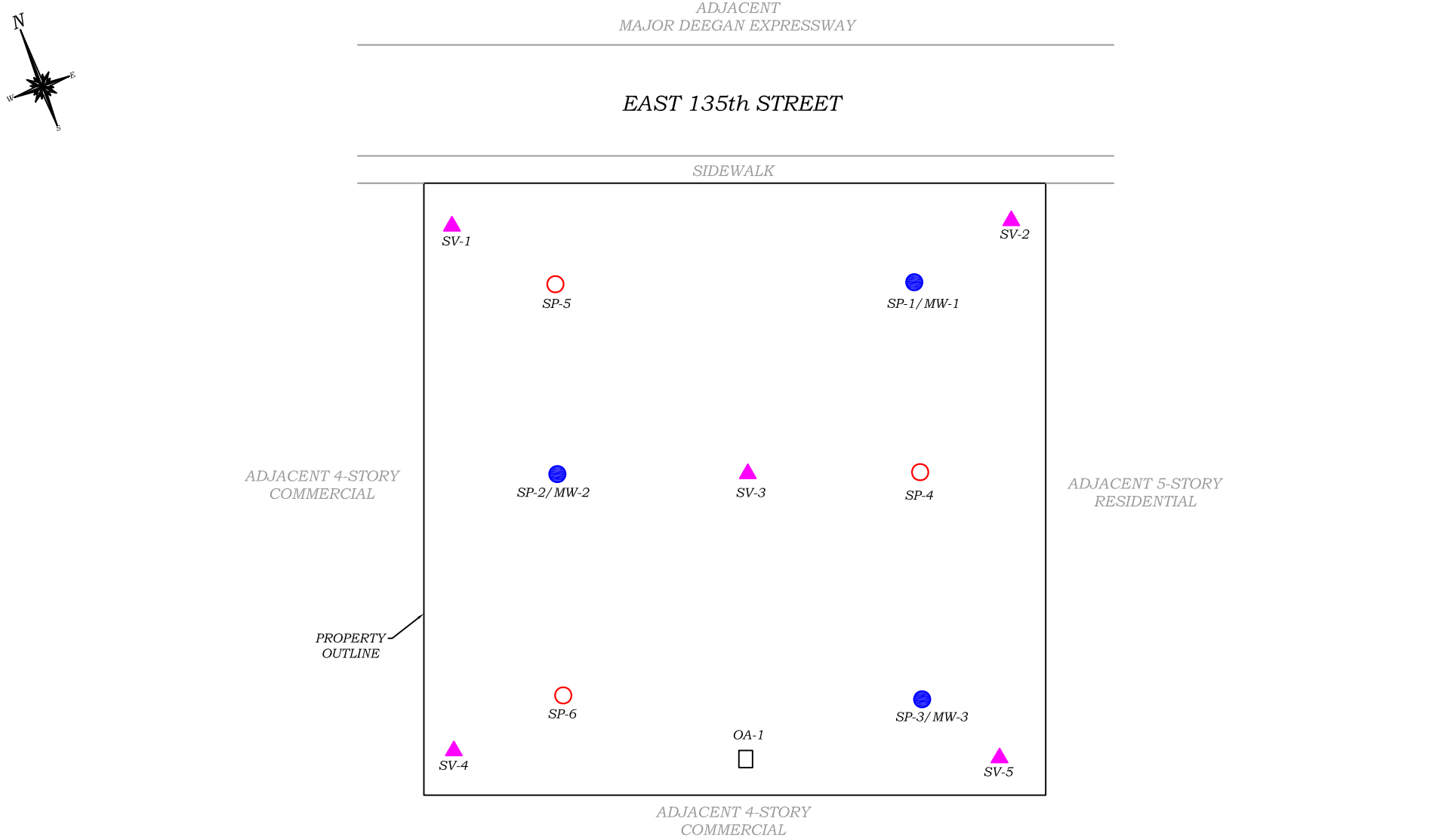
www.hydrotechenvironmental.com

200 East 135th Street
Bronx, NY.
HTE Job # 150133

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.R
Date: 07/20/15
Scale: AS NOTED

TITLE:

FIGURE 5: MAP OF AREAS OF CONCERN



LEGEND:

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

0' 20' 40' 60'

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

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

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

www.hydrotechenvironmental.com

200 East 135th Street
Bronx, NY.
HTE Job # 150133

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.R
Date: 07/20/15
Scale: AS NOTED

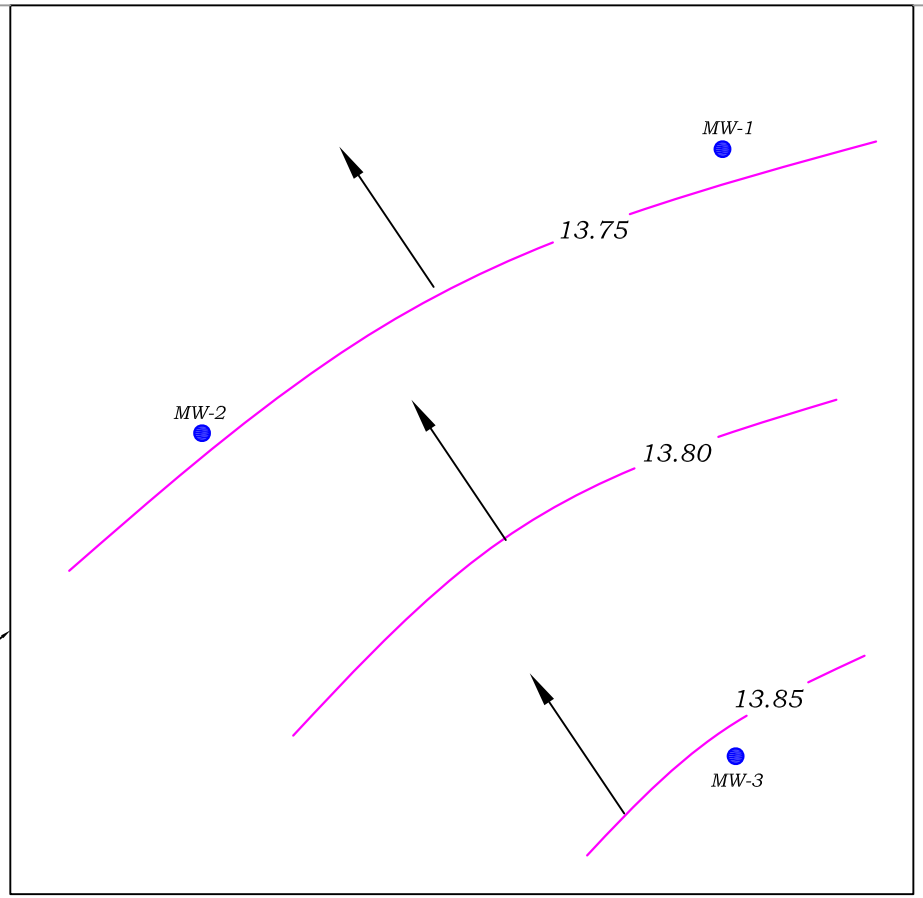
TITLE:

FIGURE 6: LOCATIONS OF SOIL PROBES, MONITORING WELLS AND SOIL VAPOR SAMPLES

ADJACENT
MAJOR DEEGAN EXPRESSWAY

EAST 135th STREET

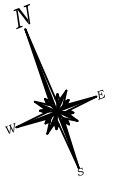
SIDEWALK



ADJACENT 4-STORY
COMMERCIAL

PROPERTY
OUTLINE

ADJACENT 4-STORY
COMMERCIAL



LEGEND:

- MONITORING WELL LOCATIONS (MW)
- CONTOUR LINES
- C.I CONTOUR INTERVAL

C.I. = 0.10 FEET	
Monitoring Well IDs	Groundwater Elevations
MW-1	13.73
MW-2	13.74
MW-3	13.87

0' 20' 40' 60'

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

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

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

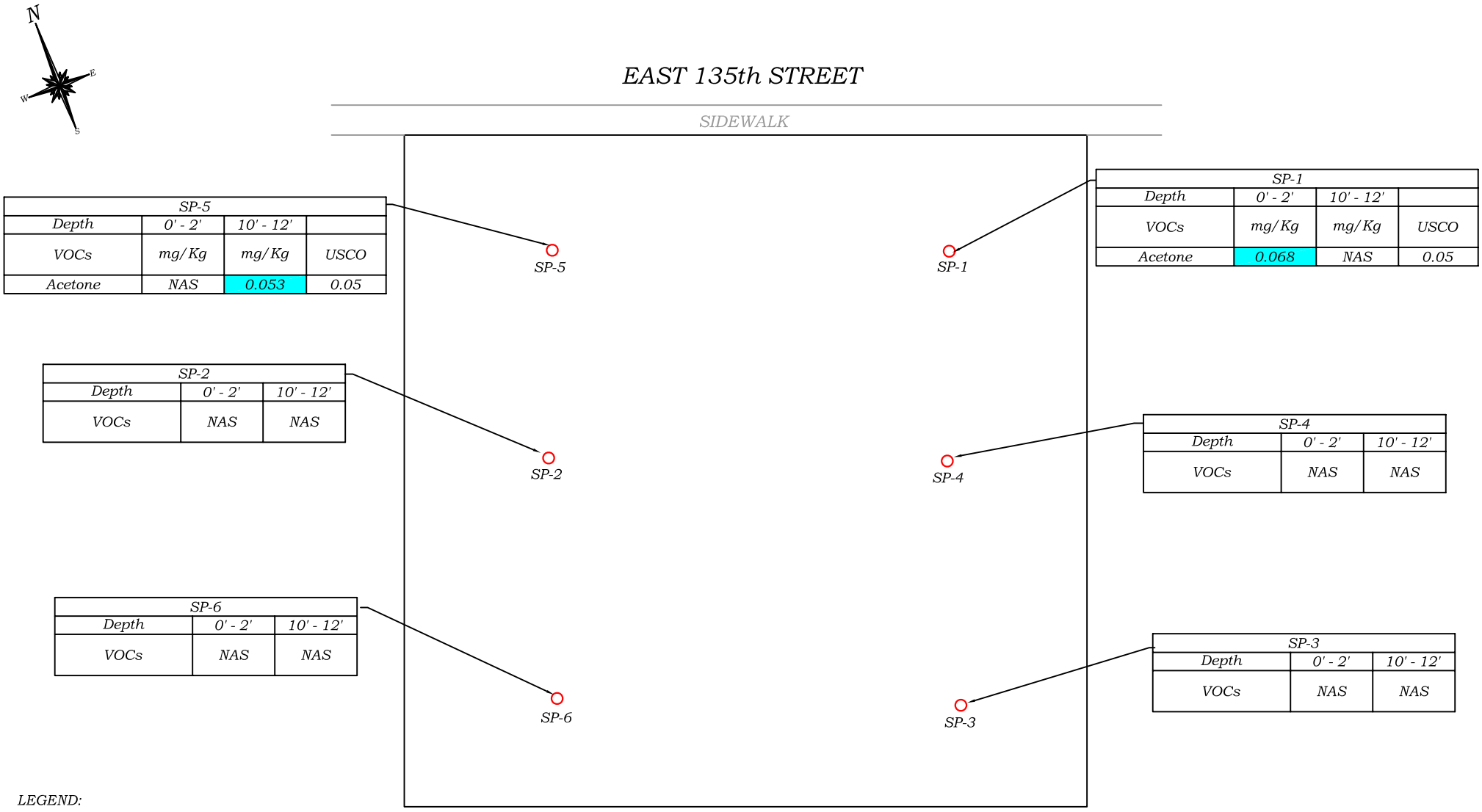
www.hydrotechenvironmental.com

200 East 135th Street
Bronx, NY.
HTE Job # 150133

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.R
Date: 07/20/15
Scale: AS NOTED

TITLE:

FIGURE 7: GROUNDWATER FLOW CONTOUR DIAGRAM



SP-5			
Depth	0' - 2'	10' - 12'	
VOCs	mg/Kg	mg/Kg	USCO
Acetone	NAS	0.053	0.05

SP-1			
Depth	0' - 2'	10' - 12'	
VOCs	mg/Kg	mg/Kg	USCO
Acetone	0.068	NAS	0.05

SP-2		
Depth	0' - 2'	10' - 12'
VOCs	NAS	NAS

SP-4		
Depth	0' - 2'	10' - 12'
VOCs	NAS	NAS

SP-6		
Depth	0' - 2'	10' - 12'
VOCs	NAS	NAS

SP-3		
Depth	0' - 2'	10' - 12'
VOCs	NAS	NAS

LEGEND:

○	SOIL PROBE LOCATIONS (SP)
VOCs	VOLATILE ORGANIC COMPOUNDS
mg/Kg	MILLIGRAMS PER KILOGRAM
USCO	UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
NAS	NONE ABOVE STANDARDS
	SHADED VALUES EXCEED USCO

0' 20' 40' 60'

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

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

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

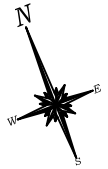
www.hydrotechenvironmental.com

200 East 135th Street
Bronx, NY.
HTE Job # 150133

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.R
Date: 07/20/15
Scale: AS NOTED

TITLE:

FIGURE 8: MAP OF VOCs IN SOIL



EAST 135th STREET

SIDEWALK

SP-5				
Depth	0' - 2'	10' - 12'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
Benzo(a)anthracene	2.18	NAS	1	1
Benzo(b)fluoranthene	1.24	NAS	1	1
Benzo(k)fluoranthene	1.21	NAS	0.8	1
Chrysene	2.57	NAS	1	1
Indeno(1,2,3-cd)pyrene	0.697	NAS	0.5	0.5

SP-5

SP-2				
Depth	0' - 2'	10' - 12'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
Benzo(a)anthracene	NAS	1.58	1	1
Benzo(k)fluoranthene	NAS	0.831	0.8	1
Chrysene	NAS	1.95	1	1
Indeno(1,2,3-cd)pyrene	NAS	0.517	0.5	0.5

SP-2

SP-6				
Depth	0' - 2'	10' - 12'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
Benzo(a)anthracene	1.75	NAS	1	1
Chrysene	1.74	NAS	1	1

SP-6

SP-1				
Depth	0' - 2'	10' - 12'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
Benzo(a)anthracene	1.81	NAS	1	1
Chrysene	1.60	NAS	1	1

SP-1

SP-4				
Depth	0' - 2'	10' - 12'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
Benzo(a)anthracene	1.28	NAS	1	1
Benzo(k)fluoranthene	1.08	NAS	0.8	1
Benzo(a)Pyrene	1.14	NAS	1	1
Chrysene	1.23	NAS	1	1
Dibenzo(a,h)anthracene	0.453	NAS	0.33	0.33
Indeno(1,2,3-cd)pyrene	0.874	NAS	0.5	0.5

SP-4

SP-3				
Depth	0' - 2'	10' - 12'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
Benzo(a)anthracene	5.7	NAS	1	1
Benzo(k)fluoranthene	0.816	NAS	0.8	1
Chrysene	5.49	NAS	1	1
Dibenzo(a,h)anthracene	0.364	NAS	0.33	0.33
Indeno(1,2,3-cd)pyrene	0.698	NAS	0.5	0.5

SP-3

LEGEND:

○	SOIL PROBE LOCATIONS (SP)
SVOCs	SEMI VOLATILE ORGANIC COMPOUNDS
mg/Kg	MILLIGRAMS PER KILOGRAM
USCO	UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
RSCO	RESTRICTED USE SOIL CLEANUP OBJECTIVES
NAS	NONE ABOVE STANDARDS
	BLUE SHADED VALUES EXCEED USCO
	RED SHADED VALUES EXCEED RSCO

0' 20' 40' 60'

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

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

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

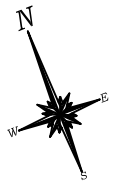
www.hydrotechenvironmental.com

200 East 135th Street
Bronx, NY.
HTE Job # 150133

Drawn By: C.Q.
Reviewed By:
Approved By: M.R
Date: 07/20/15
Scale: AS NOTED

TITLE:

FIGURE 9: MAP OF SVOCs IN SOIL



EAST 135th STREET

SIDEWALK

SP-5			
Depth	0' - 2'	10' - 12'	
PESTICIDES	mg/Kg	mg/Kg	USCO
4,4'-DDD	0.0285	NAS	0.0033
4,4'-DDE	0.0357	NAS	0.0033
4,4'-DDT	0.143	NAS	0.0033
Total Pesticides & PCBs	0.069	NAS	

SP-5

SP-2		
Depth	0' - 2'	10' - 12'
PESTICIDES	NAS	NAS
Total Pesticides & PCBs	0.43	NAS

SP-2

SP-6		
Depth	0' - 2'	10' - 12'
PESTICIDES	NAS	NAS
Total Pesticides & PCBs	0.069	NAS

SP-6

SP-1			
Depth	0' - 2'	10' - 12'	
PESTICIDES	mg/Kg	mg/Kg	USCO
4,4'-DDD	0.046	NAS	0.0033
4,4'-DDT	0.10	NAS	0.0033
Total Pesticides & PCBs	0.13	NAS	

SP-1

SP-4			
Depth	0' - 2'	10' - 12'	
PESTICIDES	mg/Kg	mg/Kg	USCO
4,4'-DDD	0.0948	NAS	0.0033
4,4'-DDT	0.177	NAS	0.0033
Total Pesticides & PCBs	0.72	NAS	

SP-4

SP-3			
Depth	0' - 2'	10' - 12'	
PESTICIDES	mg/Kg	mg/Kg	USCO
4,4'-DDD	0.0519	NAS	0.0033
4,4'-DDE	NAS	0.00453	0.0033
4,4'-DDT	0.107	0.00386	0.0033
Total Pesticides & PCBs	0.16	0.008	

SP-3

LEGEND:

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

0' 20' 40' 60'

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

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

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

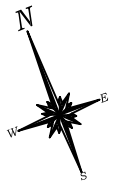
www.hydrotechenvironmental.com

200 East 135th Street
Bronx, NY.
HTE Job # 150133

Drawn By: C.Q.
Reviewed By:
Approved By: M.R
Date: 07/20/15
Scale: AS NOTED

TITLE:

FIGURE 10: MAP OF PESTICIDES AND PCBs IN SOIL



EAST 135th STREET

SIDEWALK

SP-5				
Depth	0' - 2'	10' - 12'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Barium	635	NAS	350	350
Copper	105	NAS	50	270
Lead	618	NAS	63	400
Selenium	NAS	12.70	3.9	36
Zinc	417	NAS	109	2,200

SP-5

SP-1			
Depth	0' - 2'	10' - 12'	
METALS	mg/Kg	mg/Kg	USCO
Copper	80.60	NAS	50
Lead	251	NAS	63
Zinc	338	NAS	109

SP-1

SP-2			
Depth	0' - 2'	10' - 12'	
METALS	mg/Kg	mg/Kg	USCO
Copper	158	NAS	50
Lead	313	NAS	63
Mercury	0.28	NAS	0.18
Nickel	NAS	44.30	44.30
Selenium	NAS	4.44	3.9
Zinc	302	NAS	109

SP-2

SP-4			
Depth	0' - 2'	10' - 12'	
METALS	mg/Kg	mg/Kg	USCO
Copper	85.40	NAS	50
Lead	278	NAS	63
Mercury	0.32	NAS	0.18
Zinc	345	NAS	109

SP-4

SP-6			
Depth	0' - 2'	10' - 12'	
METALS	mg/Kg	mg/Kg	USCO
Copper	121	NAS	50
Lead	227	NAS	63
Mercury	0.27	NAS	0.18
Zinc	321	NAS	109

SP-6

SP-3				
Depth	0' - 2'	10' - 12'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Barium	378	NAS	350	350
Copper	103	NAS	50	270
Lead	286	NAS	63	400
Mercury	0.36	NAS	0.18	0.81
Selenium	NAS	4.18	3.9	36
Zinc	497	NAS	109	2,200

SP-3

LEGEND:

- ○ SOIL PROBE LOCATIONS (SP)
- mg/Kg MILLIGRAMS PER KILOGRAM
- USCO UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
- NAS NONE ABOVE STANDARDS
- BLUE SHADED VALUES EXCEED USCO
- RED SHADED VALUES EXCEED RSCO

0' 20' 40' 60'

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

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

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

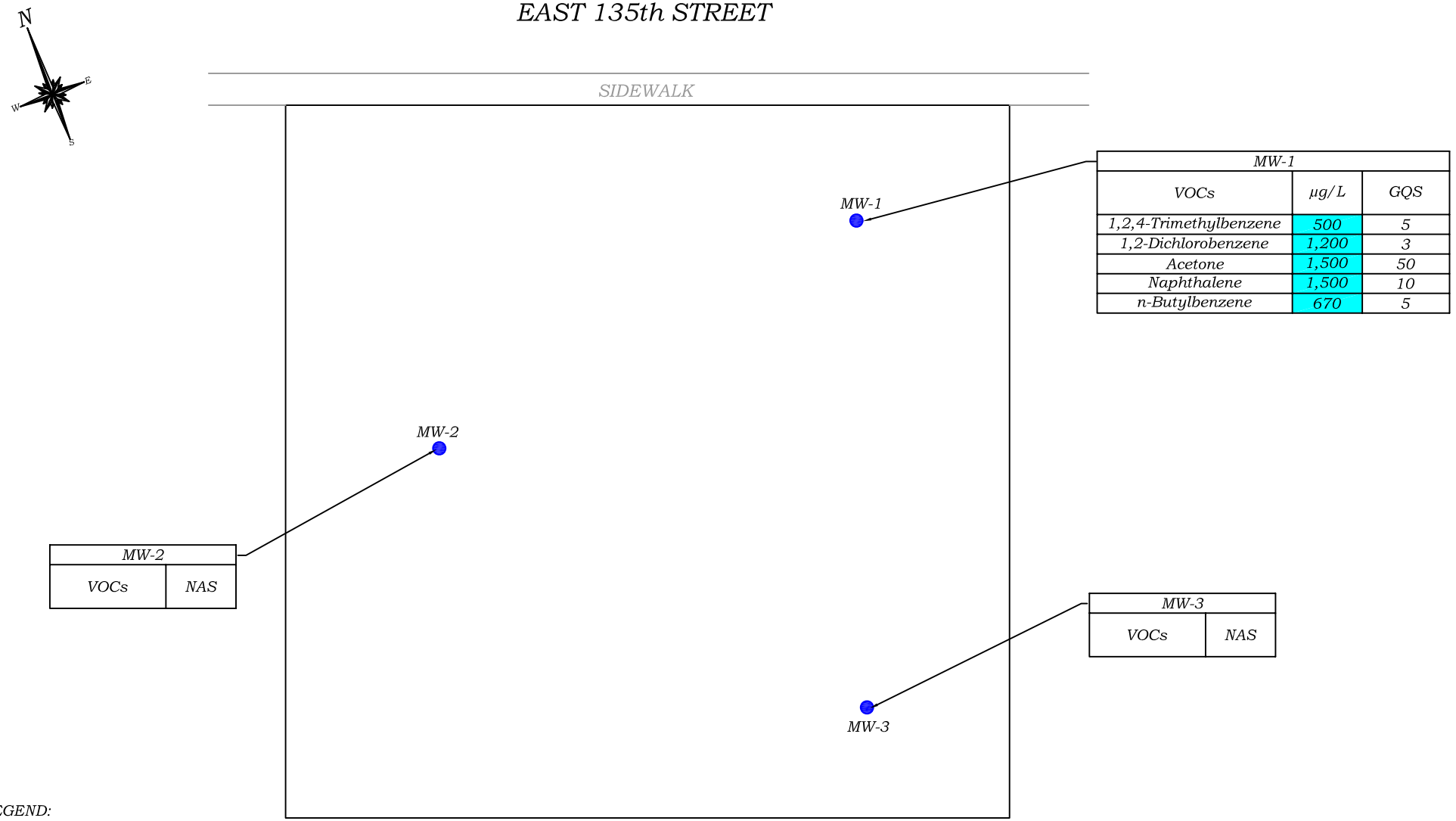
www.hydrotechenvironmental.com

200 East 135th Street
Bronx, NY.
HTE Job # 150133

Drawn By: C.Q.
Reviewed By:
Approved By: M.R
Date: 07/20/15
Scale: AS NOTED

TITLE:

FIGURE 11: MAP OF METALS IN SOIL



LEGEND:

- MONITORING WELL LOCATIONS (MW)
- VOCs — VOLATILE ORGANIC COMPOUNDS
- µg/L — MICROGRAMS PER LITER
- NAS — NONE ABOVE STANDARDS
- GQS — GROUNDWATER QUALITY STANDARDS
- SHADED VALUES EXCEED GQS

0' 20' 40' 60'

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

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

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

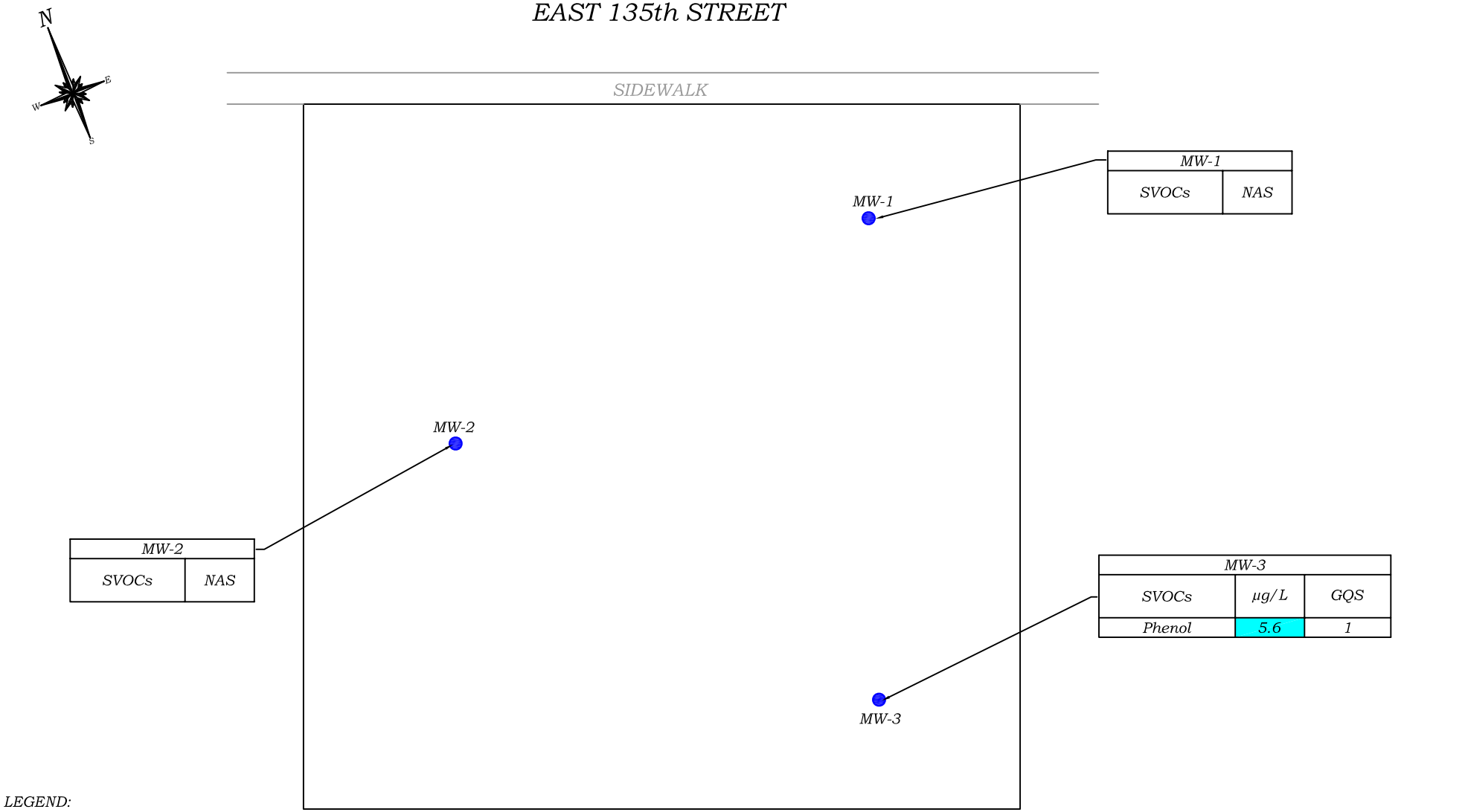
www.hydrotechenvironmental.com

200 East 135th Street
Bronx, NY.
HTE Job # 150133

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.R
Date: 07/20/15
Scale: AS NOTED

TITLE:

FIGURE 12: MAP OF VOCs IN GROUNDWATER



LEGEND:

●	MONITORING WELL LOCATIONS (MW)
SVOCs	SEMI VOLATILE ORGANIC COMPOUNDS
µg/L	MICROGRAMS PER LITER
NAS	NONE ABOVE STANDARDS
GQS	GROUNDWATER QUALITY STANDARDS
▬	SHADED VALUES EXCEED GQS

0' 20' 40' 60'

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

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

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

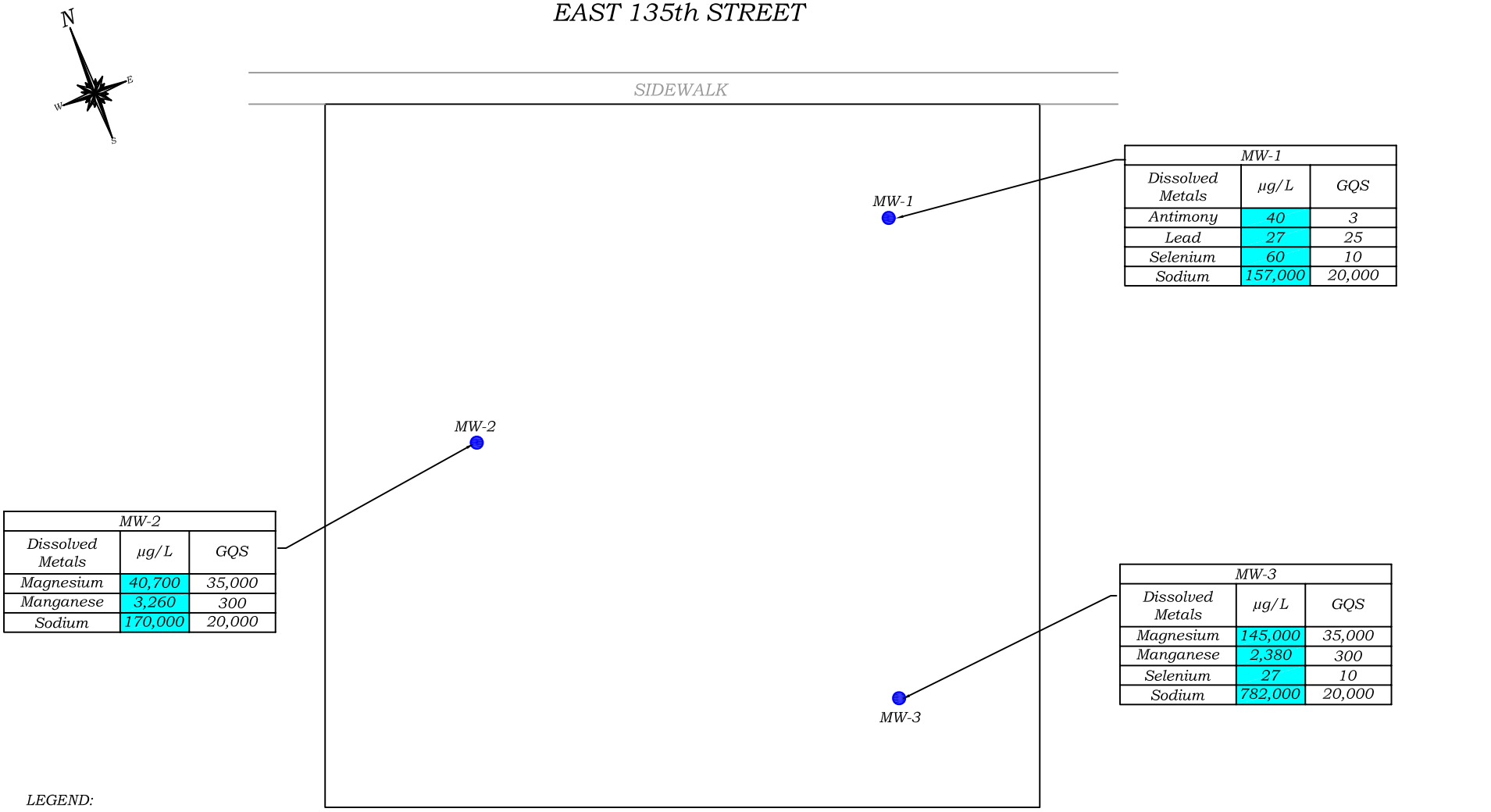
www.hydrotechenvironmental.com

200 East 135th Street
Bronx, NY.
HTE Job # 150133

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.R
Date: 07/20/15
Scale: AS NOTED

TITLE:

FIGURE 13: MAP OF SVOCs IN GROUNDWATER



HYDRO TECH ENVIRONMENTAL CORP.

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

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

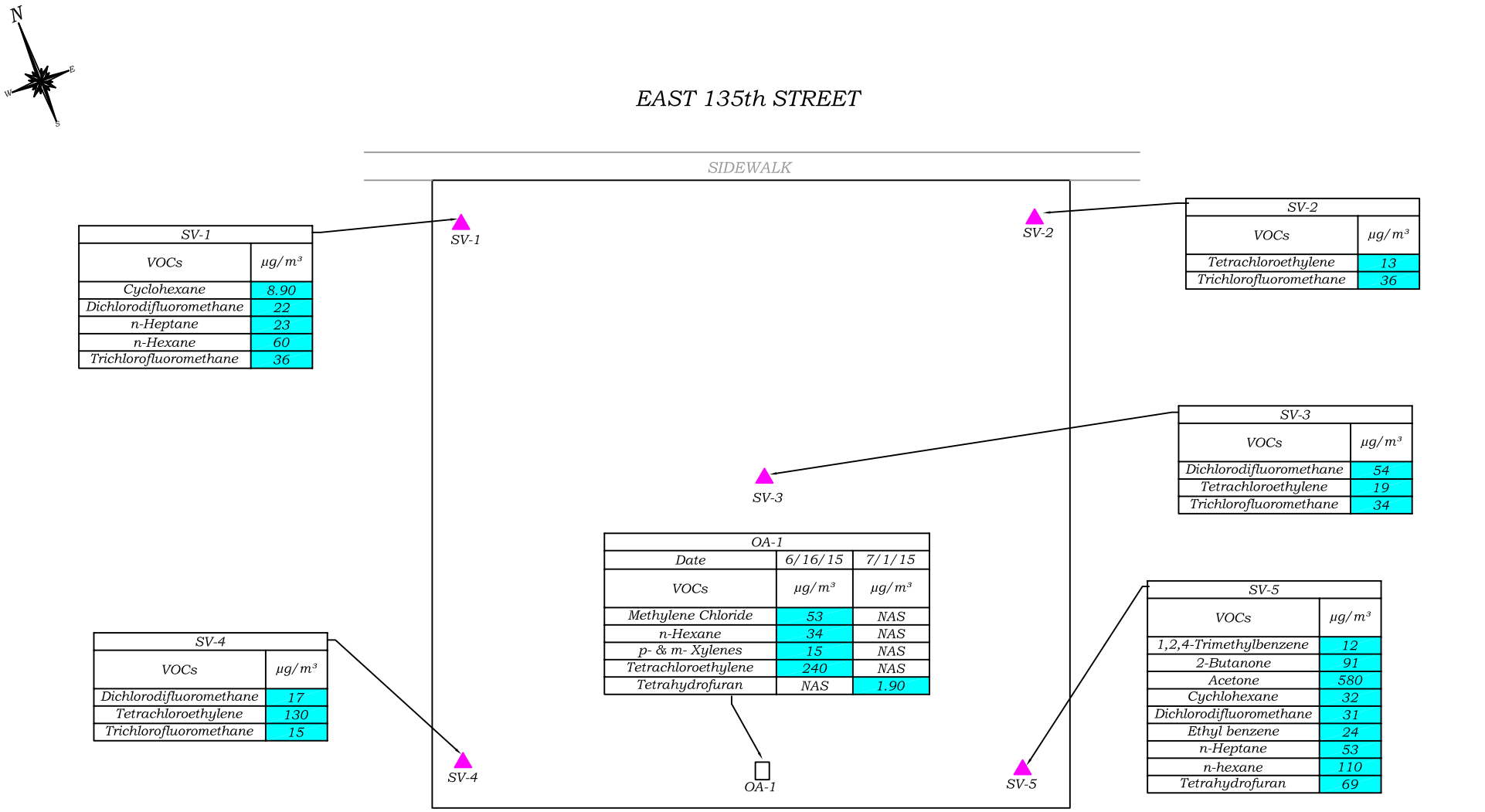
www.hydrotechenvironmental.com

200 East 135th Street
Bronx, NY.
HTE Job # 150133

Drawn By: C.Q.
Reviewed By:
Approved By: M.R
Date: 07/20/15
Scale: AS NOTED

TITLE:

FIGURE 14: MAP OF DISSOLVED METALS IN GROUNDWATER



LEGEND:

▲	SOIL VAPOR PROBE LOCATIONS (SV)
□	OUTDOOR AIR SAMPLE LOCATION (OA)
VOCs	VOLATILE ORGANIC COMPOUNDS
µg/m³	MICROGRAMS PER CUBIC METER
NAS	NONE ABOVE STANDARDS

0' 20' 40' 60'

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

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

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

www.hydrotechenvironmental.com

200 East 135th Street
Bronx, NY.
HTE Job # 150133

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.R
Date: 07/20/15
Scale: AS NOTED

TITLE:

FIGURE 15: MAP OF SOIL VAPORS

TABLES

Table 1
Soil Samples Analytical Results for VOCs
200 East 135th Street, Bronx, New York

Sample ID	SP-1 (0-2')		SP-1 (10-12')		SP-2 (0-2')		SP-2 (10-12')		SP-3 (0-2')		SP-3 (10-12')		SP-4 (0-2')		SP-4 (10-12')		SP-5 (0-2')		SP-5 (10-12')		SP-6 (0-2')		SP-6 (10-12')		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential
Sampling Date	6/11/2015		6/11/2015		6/10/2015		6/10/2015		6/11/2015		6/11/2015		6/11/2015		6/11/2015		6/10/2015		6/10/2015		6/10/2015		6/10/2015			
Client Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil			
Compound	Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result			
Units	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/Kg	mg/Kg
1,1,1,2-Tetrachloroethane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
1,1,1-Trichloroethane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
1,1,2,2-Tetrachloroethane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
1,1,2-Trichloroethane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
1,1-Dichloroethane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	0.27	19
1,1-Dichloroethylene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	0.33	100
1,1-Dichloropropylene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
1,2,3-Trichlorobenzene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
1,2,3-Trichloropropane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
1,2,4-Trichlorobenzene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
1,2,4-Trimethylbenzene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	3.6	47
1,2-Dibromo-3-chloropropane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
1,2-Dibromoethane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
1,2-Dichlorobenzene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	1.1	100
1,2-Dichloroethane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	0.02	2.3
1,2-Dichloropropane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
1,3,5-Trimethylbenzene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	8.4	47
1,3-Dichlorobenzene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	2.4	17
1,3-Dichloropropane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
1,4-Dichlorobenzene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	1.8	9.8
1,4-Dioxane	<0.073	U	<0.08	U	<0.055	U	<0.053	U	<0.056	U	<0.045	U	<0.064	U	<0.046	U	<0.051	U	<0.17	U	<0.048	U	<0.04	U	0.1	9.8
2,2-Dichloropropane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
2-Butanone	**0.0091**		**0.020**		<0.0028	U	<0.0026	U	**0.015**		**0.010**		<0.0032	U	**0.0052**		<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	0.12	100
2-Chlorotoluene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
4-Chlorotoluene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
Acetone	**0.050**		**0.068**		<0.0055	U	<0.0053	U	**0.029**		<0.0045	U	<0.0064	U	**0.019**		<0.0051	U	**0.053**		**0.016**		<0.004	U	0.05	100
Benzene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	0.06	2.9
Bromobenzene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
Bromochloromethane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
Bromodichloromethane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
Bromoform	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
Bromomethane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
Carbon tetrachloride	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	0.76	1.4
Chlorobenzene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	1.1	100
Chloroethane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
Chloroform	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	0.37	10
Chloromethane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
cis-1,2-Dichloroethylene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	0.25	59
cis-1,3-Dichloropropylene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
Dibromochloromethane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
Dibromomethane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
Dichlorodifluoromethane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
Ethyl Benzene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	1	30
Hexachlorobutadiene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
Isopropylbenzene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
Methyl tert-butyl ether (MTBE)	<0.0037	U	**0.0059**	**J**	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	0.93	62
Methylene chloride	<0.0073	U	**0.0080**	**J**	<0.0055	U	<0.0053	U	<0.0056	U	<0.0045	U	<0.0064	U	<0.0046	U	<0.0051	U	<0.017	U	<0.0048	U	**0.011**		0.05	51
Naphthalene	**0.0072**	**J**	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	**0.021**		<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	12	100
n-Butylbenzene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	12	100
n-Propylbenzene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	3.9	100
o-Xylene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
p- & m- Xylenes	<0.0073	U	<0.008	U	<0.0055	U	<0.0053	U	<0.0056	U	<0.0045	U	<0.0064	U	<0.0046	U	<0.0051	U	<0.017	U	<0.0048	U	<0.004	U	NS	NS
p-Isopropyltoluene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
sec-Butylbenzene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	11	100
Styrene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
tert-Butylbenzene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	5.9	100
Tetrachloroethylene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	1.3	5.5
Toluene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	0.7	100
trans-1,2-Dichloroethylene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	0.19	100
trans-1,3-Dichloropropylene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
Trichloroethylene	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	0.47	10
Trichlorofluoromethane	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
Vinyl acetate	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	NS	NS
Vinyl Chloride	<0.0037	U	<0.004	U	<0.0028	U	<0.0026	U	<0.0028	U	<0.0023	U	<0.0032	U	<0.0023	U	<0.0025	U	<0.0085	U	<0.0024	U	<0.002	U	0.02	0.21
Total VOC's	0.066		0.102		ND		ND		0.044		0.010		0.021		0.024		ND		0.0530		0.016		0.011		NS	NS

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
NS=this indicates that no regulatory limit has been established for this analyte
ND=analyte not detected at or above the level indicated

= sample exceeds NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
= sample exceeds NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential

Table 2

Soil Samples Analytical Results for SVOCs

200 East 135th Street, Bronx, New York

Sample ID	SP-1 (0-2')		SP-1 (10-12')		SP-2 (0-2')		SP-2 (10-12')		SP-3 (0-2')		SP-3 (10-12')		SP-4 (0-2')		SP-4 (10-12')		SP-5 (0-2')		SP-5 (10-12')		SP-6 (0-2')		SP-6 (10-12')		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential
Sampling Date	6/11/2015		6/11/2015		6/10/2015		6/10/2015		6/11/2015		6/11/2015		6/11/2015		6/11/2015		6/10/2015		6/10/2015		6/10/2015		6/10/2015			
Client Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil			
Compound	Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result			
Units	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/Kg	mg/Kg
1,2,4-Trichlorobenzene	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
1,2-Dichlorobenzene	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	1.1	100
1,3-Dichlorobenzene	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	2.4	17
1,4-Dichlorobenzene	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	1.8	9.8
2,4,5-Trichlorophenol	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
2,4,6-Trichlorophenol	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
2,4-Dichlorophenol	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
2,4-Dimethylphenol	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
2,4-Dinitrophenol	<0.0924	U	<0.117	U	<0.0905	U	<0.0951	U	<0.0883	U	<0.113	U	<0.0888	U	<0.103	U	<0.0912	U	<0.104	U	<0.0873	U	<0.0953	U	NS	NS
2,4-Dinitrotoluene	<0.0463	U	**0.781**	**D**	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
2,6-Dinitrotoluene	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
2-Chloronaphthalene	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
2-Chlorophenol	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
2-Methylnaphthalene	**0.079**	**JD**	<0.0584	U	<0.0454	U	<0.0477	U	**0.106**	**D**	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
2-Methylphenol	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	0.33	100
2-Nitroaniline	<0.0924	U	<0.117	U	<0.0905	U	<0.0951	U	<0.0883	U	<0.113	U	<0.0888	U	<0.103	U	<0.0912	U	<0.104	U	<0.0873	U	<0.0953	U	NS	NS
2-Nitrophenol	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
3- & 4-Methylphenols	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
3,3'-Dichlorobenzidine	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
3-Nitroaniline	<0.0924	U	<0.117	U	<0.0905	U	<0.0951	U	<0.0883	U	<0.113	U	<0.0888	U	<0.103	U	<0.0912	U	<0.104	U	<0.0873	U	<0.0953	U	NS	NS
4,6-Dinitro-2-methylphenol	<0.0924	U	<0.117	U	<0.0905	U	<0.0951	U	<0.0883	U	<0.113	U	<0.0888	U	<0.103	U	<0.0912	U	<0.104	U	<0.0873	U	<0.0953	U	NS	NS
4-Bromophenyl phenyl ether	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
4-Chloro-3-methylphenol	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
4-Chloroaniline	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
4-Chlorophenyl phenyl ether	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
4-Nitroaniline	<0.0924	U	<0.117	U	<0.0905	U	<0.0951	U	<0.0883	U	<0.113	U	<0.0888	U	<0.103	U	<0.0912	U	<0.104	U	<0.0873	U	<0.0953	U	NS	NS
4-Nitrophenol	<0.0924	U	<0.117	U	<0.0905	U	<0.0951	U	<0.0883	U	<0.113	U	<0.0888	U	<0.103	U	<0.0912	U	<0.104	U	<0.0873	U	<0.0953	U	NS	NS
Acenaphthene	**0.45**	**D**	<0.0584	U	**0.19**	**D**	**0.247**	**D**	**0.773**	**D**	<0.0568	U	**0.212**	**D**	<0.0516	U	<0.0457	U	<0.0523	U	**0.295**	**D**	<0.0478	U	20	100
Acenaphthylene	<0.0463	U	<0.0584	U	<0.0454	U	**0.0844**	**JD**	**0.0756**	**JD**	<0.0568	U	**0.0937**	**D**	<0.0516	U	**0.529**	**D**	<0.0523	U	**0.0516**	**JD**	<0.0478	U	100	100
Aniline	<0.185	U	<0.233	U	<0.181	U	<0.19	U	<0.177	U	<0.227	U	<0.178	U	<0.206	U	<0.183	U	<0.209	U	<0.175	U	<0.191	U	NS	NS
Anthracene	**0.82**	**D**	<0.0584	U	**0.40**	**D**	**0.573**	**D**	**1.35**	**D**	<0.0568	U	**0.43**	**D**	<0.0516	U	**0.343**	**D**	<0.0523	U	**0.649**	**D**	<0.0478	U	100	100
Benzo(a)anthracene	**1.81**	**D**	<0.0584	U	**0.88**	**D**	**1.58**	**D**	**5.7**	**D**	<0.0568	U	**1.28**	**D**	<0.0516	U	**2.18**	**D**	<0.0523	U	**1.75**	**D**	<0.0478	U	1	1
Benzo(a)pyrene	**0.39**	**D**	<0.0584	U	**0.65**	**D**	**0.765**	**D**	**0.665**	**D**	<0.0568	U	**1.14**	**D**	<0.0516	U	**0.97**	**D**	<0.0523	U	**0.553**	**D**	<0.0478	U	1	1
Benzo(b)fluoranthene	**0.36**	**D**	<0.0584	U	**0.54**	**D**	**0.709**	**D**	**0.604**	**D**	<0.0568	U	**0.996**	**D**	<0.0516	U	**1.24**	**D**	<0.0523	U	**0.57**	**D**	<0.0478	U	1	1
Benzo(g,h,i)perylene	**0.14**	**D**	<0.0584	U	**0.24**	**D**	**0.612**	**D**	**0.705**	**D**	<0.0568	U	**0.941**	**D**	<0.0516	U	**0.635**	**D**	<0.0523	U	**0.38**	**D**	<0.0478	U	100	100
Benzo(k)fluoranthene	**0.48**	**D**	<0.0584	U	**0.67**	**D**	**0.831**	**D**	**0.816**	**D**	<0.0568	U	**1.08**	**D**	<0.0516	U	**1.21**	**D**	<0.0523	U	**0.7**	**D**	<0.0478	U	0.8	1
Benzyl alcohol	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
Benzyl butyl phthalate	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	**0.06**	**JD**	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	**0.133**	**D**	<0.0478	U	NS	NS
Bis(2-chloroethoxy)methane	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
Bis(2-chloroethyl)ether	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
Bis(2-chloroisopropyl)ether	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
Bis(2-ethylhexyl)phthalate	**0.086**	**JD**	<0.0584	U	**0.073**	**JD**	<0.0477	U	**0.705**	**D**	<0.0568	U	**0.213**	**D**	<0.0516	U	**0.157**	**D**	<0.0523	U	**0.197**	**D**	<0.0478	U	NS	NS
Chrysene	**1.60**	**D**	<0.0584	U	**0.89**	**D**	**1.95**	**D**	**5.49**	**D**	<0.0568	U	**1.23**	**D**	<0.0516	U	**2.57**	**D**	<0.0523	U	**1.74**	**D**	<0.0478	U	1	1
Dibenzo(a,h)anthracene	**0.088**	**JD**	<0.0584	U	**0.14**	**D**	**0.218**	**D**	**0.364**	**D**	<0.0568	U	**0.453**	**D**	<0.0516	U	**0.226**	**D**	<0.0523	U	**0.172**	**D**	<0.0478	U	0.33	0.33
Dibenzofuran	**0.21**	**D**	<0.0584	U	**0.070**	**JD**	**0.128**	**D**	**0.33**	**D**	<0.0568	U	**0.0774**	**JD**	<0.0516	U	**0.0911**	**JD**	<0.0523	U	**0.102**	**D**	<0.0478	U	7	14
Diethyl phthalate	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
Dimethyl phthalate	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
Di-n-butyl phthalate	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
Di-n-octyl phthalate	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
Fluoranthene	**2.80**	**D**	<0.0584	U	**1.75**	**D**	**3.27**	**D**	**11**	**D**	<0.0568	U	**2.04**	**D**	<0.0516	U	**4.76**	**D**	<0.0523	U	**3.7**	**D**	<0.0478	U	100	100
Fluorene	**0.48**	**D**	<0.0584	U	**0.15**	**D**	**0.21**	**D**	**0.792**	**D**	<0.0568	U	**0.186**	**D**	<0.0516	U	<0.0457	U	<0.0523	U	**0.215**	**D**	<0.0478	U	30	100
Hexachlorobenzene	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	0.33	0.33
Hexachlorobutadiene	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
Hexachlorocyclopentadiene	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
Hexachloroethane	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
Indeno(1,2,3-cd)pyrene	**0.16**	**D**	<0.0584	U	**0.27**	**D**	**0.517**	**D**	**0.698**	**D**	<0.0568	U	**0.874**	**D**	<0.0516	U	**0.697**	**D**	<0.0523	U	**0.398**	**D**	<0.0478	U	0.5	0.5
Isophorone	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
Naphthalene	**0.078**	**JD**	<0.0584	U	**0.054**	**JD**	**0.172**	**D**	**0.126**	**D**	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	**0.103**	**D**	<0.0478	U	12	100
Nitrobenzene	<0.0463	U	<0.0584	U	0.045	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
N-Nitrosodimethylamine	<0.0463	U	<0.0584	U	0.045	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
N-nitroso-di-n-propylamine	<0.0463	U	<0.0584	U	0.045	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
N-Nitrosodiphenylamine	<0.0463	U	<0.0584	U	0.045	U	<0.0477	U	**0.23**	**D**	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	NS	NS
Pentachlorophenol	<0.0463	U	<0.0584	U	0.045	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	0.8	2.4
Phenanthrene	**2.06**	**D**	<0.0584	U	**1.41**	**D**	**3.08**	**D**	**7.98**	**D**	<0.0568	U	**1.38**	**D**	<0.0516	U	**2.48**	**D**	<0.0523	U	**2.34**	**D**	<0.0478	U	100	100
Phenol	<0.0463	U	<0.0584	U	<0.0454	U	<0.0477	U	<0.0443	U	<0.0568	U	<0.0445	U	<0.0516	U	<0.0457	U	<0.0523	U	<0.0438	U	<0.0478	U	0.33	100
Pyrene	**4.20**	**D**	<0.0584	U	**1.70**	**D**	**3.64**	**D**	**10.2**	**D**	<0.0568	U	**1.83**	**D**	<0.0516	U	**4.39**	**D**	<0.0523	U	**3.3**	**D**	<0.0478	U	100	100
Pyridine	<0.185	U	<0.233	U	<0.181	U	<0.19	U	<0.177	U	<0.227	U	<0.178	U	<0.206	U	<0.183	U	<0.209	U	<0.175	U	<0.191	U	NS	NS
Totals SVOC's	16.2799		0.781		10.30		18.59		48.7696		ND		14.4561		ND		22.48		ND		17.35		ND		NS	NS

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

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

U=analyte not detected at or above the level indicated

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

ND=analyte not detected at or above the level indicated

= sample exceeds NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

= sample exceeds NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential

Table 3

Soil Samples Analytical Results for Pesticides and PCBs

200 East 135th Street, Bronx, New York

Sample ID	SP-1 (0-2')		SP-1 (10-12')		SP-2 (0-2')		SP-2 (10-12')		SP-3 (0-2')		SP-3 (10-12')		SP-4 (0-2')		SP-4 (10-12')		SP-5 (0-2')		SP-5 (10-12')		SP-6 (0-2')		SP-6 (10-12')		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential
Sampling Date	6/11/2015		6/11/2015		6/10/2015		6/10/2015		6/11/2015		6/11/2015		6/11/2015		6/11/2015		6/10/2015		6/10/2015		6/10/2015		6/10/2015			
Client Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil			
Compound	Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result			
Units	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/Kg	mg/Kg
4,4'-DDD	**0.046**	**D**	<0.00231	U	<0.00179	U	<0.00188	U	**0.0519**	**D**	0.00224	U	**0.0948**	**D**	0.00204	U	**0.0285**	**D**	<0.00207	U	<0.00173	U	<0.00189	U	0.0033	2.6
4,4'-DDE	<0.00183	U	<0.00231	U	<0.00179	U	<0.00188	U	0.00175	U	**0.00453**	**D**	0.00176	U	0.00204	U	**0.0357**	**D**	<0.00207	U	<0.00173	U	<0.00189	U	0.0033	1.8
4,4'-DDT	**0.10**	**D**	<0.00231	U	<0.00179	U	<0.00188	U	**0.107**	**D**	**0.00386**	**D**	**0.177**	**D**	0.00204	U	**0.143**	**D**	<0.00207	U	<0.00173	U	<0.00189	U	0.0033	1.7
Aldrin	<0.00183	U	<0.00231	U	<0.00179	U	<0.00188	U	<0.00175	U	<0.00224	U	<0.00176	U	<0.00204	U	<0.0018	U	<0.00207	U	<0.00173	U	<0.00189	U	0.005	0.019
alpha-BHC	<0.00183	U	<0.00231	U	<0.00179	U	<0.00188	U	<0.00175	U	<0.00224	U	<0.00176	U	<0.00204	U	<0.0018	U	<0.00207	U	<0.00173	U	<0.00189	U	0.02	0.097
alpha-Chlordane	<0.00183	U	<0.00231	U	<0.00179	U	<0.00188	U	<0.00175	U	<0.00224	U	<0.00176	U	<0.00204	U	<0.0018	U	<0.00207	U	<0.00173	U	<0.00189	U	0.094	0.91
Aroclor 1016	<0.0185	U	<0.0233	U	<0.0181	U	<0.019	U	<0.0176	U	<0.0226	U	<0.0177	U	<0.0206	U	<0.0182	U	<0.0209	U	<0.0174	U	<0.019	U	NS	NS
Aroclor 1221	<0.0185	U	<0.0233	U	<0.0181	U	<0.019	U	<0.0176	U	<0.0226	U	<0.0177	U	<0.0206	U	<0.0182	U	<0.0209	U	<0.0174	U	<0.019	U	NS	NS
Aroclor 1232	<0.0185	U	<0.0233	U	<0.0181	U	<0.019	U	<0.0176	U	<0.0226	U	<0.0177	U	<0.0206	U	<0.0182	U	<0.0209	U	<0.0174	U	<0.019	U	NS	NS
Aroclor 1242	<0.0185	U	<0.0233	U	<0.0181	U	<0.019	U	<0.0176	U	<0.0226	U	<0.0177	U	<0.0206	U	<0.0182	U	<0.0209	U	<0.0174	U	<0.019	U	NS	NS
Aroclor 1248	<0.0185	U	<0.0233	U	**0.12**		<0.019	U	<0.0176	U	<0.0226	U	<0.0177	U	<0.0206	U	**0.069**		<0.0209	U	<0.0174	U	<0.019	U	NS	NS
Aroclor 1254	<0.0185	U	<0.0233	U	**0.25**		<0.019	U	<0.0176	U	<0.0226	U	**0.60**		<0.0206	U	<0.0182	U	<0.0209	U	<0.0174	U	<0.019	U	NS	NS
Aroclor 1260	**0.082**		<0.0233	U	**0.067**		<0.019	U	**0.11**		<0.0226	U	**0.13**		<0.0206	U	<0.0182	U	<0.0209	U	**0.069**		<0.019	U	NS	NS
beta-BHC	<0.00183	U	<0.00231	U	<0.00179	U	<0.00188	U	<0.00175	U	<0.00224	U	<0.00176	U	<0.00204	U	<0.0018	U	<0.00207	U	<0.00173	U	<0.00189	U	0.036	0.072
Chlordane, total	<0.0731	U	<0.0923	U	<0.0717	U	<0.0753	U	<0.0699	U	<0.0897	U	<0.0703	U	<0.0814	U	<0.0722	U	<0.0826	U	<0.0691	U	<0.0755	U	NS	NS
delta-BHC	<0.00183	U	<0.00231	U	<0.00179	U	<0.00188	U	<0.00175	U	<0.00224	U	<0.00176	U	<0.00204	U	<0.0018	U	<0.00207	U	<0.00173	U	<0.00189	U	0.04	100
Dieldrin	<0.00183	U	<0.00231	U	<0.00179	U	<0.00188	U	<0.00175	U	<0.00224	U	<0.00176	U	<0.00204	U	<0.0018	U	<0.00207	U	<0.00173	U	<0.00189	U	0.005	0.039
Endosulfan I	<0.00183	U	<0.00231	U	<0.00179	U	<0.00188	U	<0.00175	U	<0.00224	U	<0.00176	U	<0.00204	U	<0.0018	U	<0.00207	U	<0.00173	U	<0.00189	U	2.4	4.8
Endosulfan II	<0.00183	U	<0.00231	U	<0.00179	U	<0.00188	U	<0.00175	U	<0.00224	U	<0.00176	U	<0.00204	U	<0.0018	U	<0.00207	U	<0.00173	U	<0.00189	U	2.4	4.8
Endosulfan sulfate	<0.00183	U	<0.00231	U	<0.00179	U	<0.00188	U	<0.00175	U	<0.00224	U	<0.00176	U	<0.00204	U	<0.0018	U	<0.00207	U	<0.00173	U	<0.00189	U	2.4	4.8
Endrin	<0.00183	U	<0.00231	U	<0.00179	U	<0.00188	U	<0.00175	U	<0.00224	U	<0.00176	U	<0.00204	U	<0.0018	U	<0.00207	U	<0.00173	U	<0.00189	U	0.014	2.2
Endrin aldehyde	<0.00183	U	<0.00231	U	<0.00179	U	<0.00188	U	<0.00175	U	<0.00224	U	<0.00176	U	<0.00204	U	<0.0018	U	<0.00207	U	<0.00173	U	<0.00189	U	NS	NS
Endrin ketone	<0.00183	U	<0.00231	U	<0.00179	U	<0.00188	U	<0.00175	U	<0.00224	U	<0.00176	U	<0.00204	U	<0.0018	U	<0.00207	U	<0.00173	U	<0.00189	U	NS	NS
gamma-BHC (Lindane)	<0.00183	U	<0.00231	U	<0.00179	U	<0.00188	U	<0.00175	U	<0.00224	U	<0.00176	U	<0.00204	U	<0.0018	U	<0.00207	U	<0.00173	U	<0.00189	U	0.1	0.28
gamma-Chlordane	<0.00183	U	<0.00231	U	<0.00179	U	<0.00188	U	<0.00175	U	<0.00224	U	<0.00176	U	<0.00204	U	<0.0018	U	<0.00207	U	<0.00173	U	<0.00189	U	NS	NS
Heptachlor	<0.00183	U	<0.00231	U	<0.00179	U	<0.00188	U	<0.00175	U	<0.00224	U	<0.00176	U	<0.00204	U	<0.0018	U	<0.00207	U	<0.00173	U	<0.00189	U	0.042	0.42
Heptachlor epoxide	<0.00183	U	<0.00231	U	<0.00179	U	<0.00188	U	<0.00175	U	<0.00224	U	<0.00176	U	<0.00204	U	<0.0018	U	<0.00207	U	<0.00173	U	<0.00189	U	NS	NS
Methoxychlor	<0.00914	U	<0.0115	U	<0.00896	U	<0.00941	U	<0.00874	U	<0.0112	U	<0.00879	U	<0.0102	U	<0.00902	U	<0.0103	U	<0.00864	U	<0.00943	U	NS	NS
Toxaphene	<0.0925	U	<0.117	U	<0.0907	U	<0.0952	U	<0.0884	U	<0.113	U	<0.089	U	<0.103	U	<0.0913	U	<0.105	U	<0.0874	U	<0.0955	U	NS	NS
Total PCBs	**0.13**		<0.0233	U	**0.43**		<0.019	U	**0.16**		<0.0226	U	**0.72**		<0.0206	U	**0.069**		<0.0209	U	**0.069**		<0.019	U	0.1	1

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

U=analyte not detected at or above the level indicated

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

ND=analyte not detected at or above the level indicated

= sample exceeds NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

= sample exceeds NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential

Table 4

Soil Samples Analytical Results for Metals

200 East 135th Street, Bronx, New York

Sample ID	SP-1 (0-2')		SP-1 (10-12')		SP-2 (0-2')		SP-2 (10-12')		SP-3 (0-2')		SP-3 (10-12')		SP-4 (0-2')		SP-4 (10-12')		SP-5 (0-2')		SP-5 (10-12')		SP-6 (0-2')		SP-6 (10-12')		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential
Sampling Date	6/11/2015		6/11/2015		6/10/2015		6/10/2015		6/11/2015		6/11/2015		6/11/2015		6/11/2015		6/10/2015		6/10/2015		6/10/2015		6/10/2015			
Client Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil			
Compound	Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result		Result			
Units	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/Kg	mg/Kg
Aluminum	**8,040**		**8,500**		**9,060**		**4,950**		**7,480**		**13,200**		**6,080**		**7,840**		**8,950**		**7,640**		**7,180**		**6,060**		NS	NS
Antimony	<0.554	U	<0.699	U	**1.10**		<0.57	U	<0.53	U	<0.679	U	<0.533	U	<0.617	U	<0.547	U	<0.626	U	<0.523	U	<0.572	U	NS	NS
Arsenic	**4.13**		**1.77**		**3.56**		**1.38**		**4.08**		**3.37**		**4.11**		<1.23	U	**3.53**		<1.25	U	**3.06**		<1.14	U	13	16
Barium	**333**		**19.10**		**245**		**38.40**		**378**		**34.20**		**336**		**28**		**635**		**28.30**		**263**		**20.80**		350	350
Beryllium	<0.111	U	<0.14	U	<0.109	U	<0.114	U	<0.106	U	<0.136	U	<0.107	U	<0.123	U	<0.109	U	<0.125	U	<0.105	U	<0.114	U	7.2	14
Cadmium	**0.95**		<0.419	U	**0.64**		<0.342	U	**1.01**		<0.408	U	**0.86**		<0.37	U	**0.63**		<0.376	U	<0.852		<0.343	U	2.5	2.5
Calcium	**48,600**		**1,710**		**20,500**		**1,420**		**43,900**		**2,620**		27,800		**1,550**		**32,200**		**5,020**		**28,900**		**959**		NS	NS
Chromium	**22.40**		**12.70**		**24.40**		**12.90**		**22.20**		**26.30**		**17.90**		**13.80**		**22.90**		**18.80**		**27.30**		**13**		NS	NS
Chromium, Hexavalent	<0.554	U	<0.699	U	<0.543	U	<0.57	U	<0.53	U	<0.679	U	<0.533	U	<0.617	U	<0.547	U	<0.626	U	<0.523	U	<0.572	U	1	22
Chromium, Trivalent	**22.40**		**12.70**		**24.40**		**12.90**		**22.20**		**26.30**		**17.90**		**13.80**		**22.90**		**18.80**		**27.30**		**13**		30	36
Cobalt	**7.57**		**4.05**		**8.29**		**14**		**10.90**		**10.20**		**6.54**		**4.76**		**10**		**6.70**		**8.10**		**5.05**		NS	NS
Copper	**80.60**		**7.34**		**158**		**23.80**		**103**		**12**		**85.40**		**10.10**		**105**		**11.10**		**121**		**6.74**		50	270
Iron	**16,500**		**9,170**		**18,200**		**22,600**		**23,700**		**27,600**		**18,600**		**11,600**		**18,100**		**18,700**		**17,900**		**15,700**		NS	NS
Lead	**251**		**7.82**		**313**		**19.10**		**286**		**12.80**		**278**		**9.30**		**618**		**3.18**		**227**		**7.52**		63	400
Magnesium	**9,030**		**2,160**		**7,740**		**1,970**		**7,500**		**5,490**		**5,350**		**2,540**		**5,260**		**4,720**		**7,410**		**1,820**		NS	NS
Manganese	**230**		**198**		**275**		**1,030**		**300**		**447**		**214**		**105**		**322**		**169**		**308**		**89.30**		1600	2000
Mercury	**0.13**		<0.0419	U	**0.28**		**0.17**		**0.36**		<0.0408	U	**0.32**		**0.15**		**0.17**		<0.0376	U	**0.27**		<0.0343	U	0.18	0.81
Nickel	**19.50**		**11.30**		**22.30**		**44.30**		**24.90**		**21.90**		**17.60**		**11.80**		**18.80**		**14.60**		**24.90**		**10.20**		30	140
Potassium	**1,710**		**831**		**1,660**		**1,060**		**1,800**		**2,700**		**1,240**		**962**		**3,010**		**982**		**1,550**		**1,350**		NS	NS
Selenium	<1.11	U	**1.79**		**1.12**		**4.44**		**2.11**		**4.18**		**1.76**		**1.75**		<1.09	U	**12.70**		<1.05	U	<1.14	U	3.9	36
Silver	<0.554	U	<0.699	U	<0.543	U	<0.57	U	<0.53	U	<0.679	U	<0.533	U	<0.617	U	<0.547	U	<0.626	U	<0.523	U	<0.572	U	2	36
Sodium	**352**	**B**	**183**	**B**	**291**		**211**		**391**	**B**	**904**	**B**	**408**	**B**	**187**	**B**	**312**		**234**		**391**		**331**		NS	NS
Thallium	<1.11	U	<1.4	U	<1.09	U	<1.14	U	<1.06	U	<1.36	U	<1.07	U	<1.23	U	<1.09	U	<1.25	U	<1.05	U	<1.14	U	NS	NS
Vanadium	**34.40**		**15.60**		**29.20**		**21.60**		**47.60**		**33.60**		**32.30**		**17.30**		**34.30**		**22**		**40**		**19**		NS	NS
Zinc	**338**		**28.70**		**302**		**103**		**497**		**64**		**345**		**31.30**		**417**		**33.30**		**321**		**28.30**		109	2200

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

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

ND=analyte not detected at or above the level indicated

= sample exceeds NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

= sample exceeds NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential

Table 5
Groundwater Analytical Results for VOCs
200 East 135th Street, Bronx, New York

Sample ID	MW-1		MW-2		MW-3		Field Blank		Trip Blank		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	6/16/2015		7/1/2015		6/16/2015		6/16/2015		6/16/2015		
Client Matrix	Water		Water		Water		Water		Water		
Compound	Result		Result		Result		Result		Result		
Units	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L
1,1,1,2-Tetrachloroethane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
1,1,1-Trichloroethane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
1,1,2,2-Tetrachloroethane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
1,1,2-Trichloroethane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	1
1,1-Dichloroethane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
1,1-Dichloroethylene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
1,1-Dichloropropylene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
1,2,3-Trichlorobenzene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
1,2,3-Trichloropropane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	0.04
1,2,4-Trichlorobenzene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
1,2,4-Trimethylbenzene	**500**	**D**	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
1,2-Dibromo-3-chloropropane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	0.04
1,2-Dibromoethane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
1,2-Dichlorobenzene	**1,200**	**D**	<2.5	U	<2.5	U	<2.5	U	<2.5	U	3
1,2-Dichloroethane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	0.6
1,2-Dichloropropane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	1
1,3,5-Trimethylbenzene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
1,3-Dichlorobenzene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	3
1,3-Dichloropropane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
1,4-Dichlorobenzene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	3
2,2-Dichloropropane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
2-Butanone	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	50
2-Chlorotoluene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
4-Chlorotoluene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
Acetone	**1,500**	**D**	<5	U	<5	U	<5	U	<5	U	50
Benzene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	1
Bromobenzene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
Bromochloromethane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
Bromodichloromethane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	50
Bromoform	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	50
Bromomethane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
Carbon tetrachloride	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
Chlorobenzene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
Chloroethane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
Chloroform	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	7
Chloromethane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
cis-1,2-Dichloroethylene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
cis-1,3-Dichloropropylene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	0.4
Dibromochloromethane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	50
Dibromomethane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	NS
Dichlorodifluoromethane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
Ethyl Benzene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
Hexachlorobutadiene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	0.5
Isopropylbenzene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
Methyl tert-butyl ether (MTBE)	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	10
Methylene chloride	<250	U	<2.5	U	<2.5	U	<2.5	U	**5.30**	**J**	5
Naphthalene	**1,500**	**D**	<2.5	U	<2.5	U	<2.5	U	<2.5	U	10
n-Butylbenzene	**670**	**D**	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
n-Propylbenzene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
o-Xylene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
p- & m- Xylenes	<500	U	<5	U	<5	U	<5	U	<5	U	5
p-Isopropyltoluene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
sec-Butylbenzene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
Styrene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
tert-Butylbenzene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
Tetrachloroethylene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
Toluene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
trans-1,2-Dichloroethylene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
trans-1,3-Dichloropropylene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	0.4
Trichloroethylene	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
Trichlorofluoromethane	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	5
Vinyl acetate	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	NS
Vinyl Chloride	<250	U	<2.5	U	<2.5	U	<2.5	U	<2.5	U	2
Total VOC's	3,200		ND		ND		ND		5.3		NS

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

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

U=analyte not detected at or above the level indicated

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

ND=analyte not detected at or above the level indicated

= sample exceeds NYSDEC TOGS Standards and Guidance Values - GA

Table 6

Groundwater Analytical Results for SVOCs

200 East 135th Street, Bronx, New York

Sample ID	MW-1		MW-2		MW-3		Field Blank		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	6/16/2015		7/1/2015		6/16/2015		6/16/2015		
Client Matrix	Water		Water		Water		Water		
Compound	Result		Result		Result		Result		
Units	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L
1,2,4-Trichlorobenzene	<2.56	U	<2.56	U	<2.56	U	<3.33	U	5
1,2-Dichlorobenzene	<2.56	U	<2.56	U	<2.56	U	<3.33	U	3
1,3-Dichlorobenzene	<2.56	U	<2.56	U	<2.56	U	<3.33	U	3
1,4-Dichlorobenzene	<2.56	U	<2.56	U	<2.56	U	<3.33	U	3
2,4,5-Trichlorophenol	<2.56	U	<2.56	U	<2.56	U	<3.33	U	1
2,4,6-Trichlorophenol	<2.56	U	<2.56	U	<2.56	U	<3.33	U	1
2,4-Dichlorophenol	<2.56	U	<2.56	U	<2.56	U	<3.33	U	5
2,4-Dimethylphenol	<2.56	U	<2.56	U	<2.56	U	<3.33	U	50
2,4-Dinitrophenol	<2.56	U	<2.56	U	<2.56	U	<3.33	U	10
2,4-Dinitrotoluene	<2.56	U	<2.56	U	<2.56	U	<3.33	U	5
2,6-Dinitrotoluene	<2.56	U	<2.56	U	<2.56	U	<3.33	U	5
2-Chloronaphthalene	<2.56	U	<2.56	U	<2.56	U	<3.33	U	10
2-Chlorophenol	<2.56	U	<2.56	U	<2.56	U	<3.33	U	1
2-Methylnaphthalene	<2.56	U	<2.56	U	<2.56	U	<3.33	U	~
2-Methylphenol	<2.56	U	<2.56	U	<2.56	U	<3.33	U	1
2-Nitroaniline	<2.56	U	<2.56	U	<2.56	U	<3.33	U	5
2-Nitrophenol	<2.56	U	<2.56	U	<2.56	U	<3.33	U	1
3- & 4-Methylphenols	<2.56	U	<2.56	U	<2.56	U	<3.33	U	~
3,3'-Dichlorobenzidine	<2.56	U	<2.56	U	<2.56	U	<3.33	U	5
3-Nitroaniline	<2.56	U	<2.56	U	<2.56	U	<3.33	U	5
4,6-Dinitro-2-methylphenol	<2.56	U	<2.56	U	<2.56	U	<3.33	U	NS
4-Bromophenyl phenyl ether	<2.56	U	<2.56	U	<2.56	U	<3.33	U	NS
4-Chloro-3-methylphenol	<2.56	U	<2.56	U	<2.56	U	<3.33	U	1
4-Chloroaniline	<2.56	U	<2.56	U	<2.56	U	<3.33	U	5
4-Chlorophenyl phenyl ether	<2.56	U	<2.56	U	<2.56	U	<3.33	U	NS
4-Nitroaniline	<2.56	U	<2.56	U	<2.56	U	<3.33	U	5
4-Nitrophenol	<2.56	U	<2.56	U	<2.56	U	<3.33	U	1
Acenaphthene	<0.0513	U	<0.0513	U	<0.0513	U	<0.0667	U	20
Acenaphthylene	<0.0513	U	<0.0513	U	<0.0513	U	<0.0667	U	NS
Aniline	<2.56	U	<2.56	U	<2.56	U	<3.33	U	5
Anthracene	<0.0513	U	**0.072**		<0.0513	U	<0.0667	U	50
Benzo(a)anthracene	<0.0513	U	<0.0513	U	<0.0513	U	<0.0667	U	0.002
Benzo(a)pyrene	<0.0513	U	<0.0513	U	<0.0513	U	<0.0667	U	0.002
Benzo(b)fluoranthene	<0.0513	U	<0.0513	U	<0.0513	U	<0.0667	U	0.002
Benzo(g,h,i)perylene	<0.0513	U	<0.0513	U	<0.0513	U	<0.0667	U	NS
Benzo(k)fluoranthene	<0.0513	U	<0.0513	U	<0.0513	U	<0.0667	U	0.002
Benzyl alcohol	<2.56	U	<2.56	U	<2.56	U	<3.33	U	NS
Benzyl butyl phthalate	<2.56	U	<2.56	U	<2.56	U	<3.33	U	50
Bis(2-chloroethoxy)methane	<2.56	U	<2.56	U	<2.56	U	<3.33	U	5
Bis(2-chloroethyl)ether	<2.56	U	<2.56	U	<2.56	U	<3.33	U	1
Bis(2-chloroisopropyl)ether	<2.56	U	<2.56	U	<2.56	U	<3.33	U	5
Bis(2-ethylhexyl)phthalate	<0.513	U	**0.79**		<0.513	U	<0.667	U	5
Chrysene	<0.0513	U	<0.0513	U	<0.0513	U	<0.0667	U	0.002
Dibenzo(a,h)anthracene	<0.0513	U	<0.0513	U	<0.0513	U	<0.0667	U	NS
Dibenzofuran	<2.56	U	<2.56	U	<2.56	U	<3.33	U	NS
Diethyl phthalate	<2.56	U	<2.56	U	<2.56	U	<3.33	U	50
Dimethyl phthalate	<2.56	U	<2.56	U	<2.56	U	<3.33	U	50
Di-n-butyl phthalate	<2.56	U	<2.56	U	<2.56	U	<3.33	U	50
Di-n-octyl phthalate	<2.56	U	<2.56	U	<2.56	U	<3.33	U	50
Fluoranthene	<0.0513	U	**0.051**	J	<0.0513	U	<0.0667	U	50
Fluorene	<0.0513	U	**0.072**		<0.0513	U	<0.0667	U	50
Hexachlorobenzene	<0.0205	U	<0.0205	U	<0.0205	U	<0.0267	U	0.04
Hexachlorobutadiene	<0.513	U	<0.0513	U	<0.513	U	<0.667	U	0.5
Hexachlorocyclopentadiene	<2.56	U	<2.56	U	<2.56	U	<3.33	U	5
Hexachloroethane	<0.513	U	<0.513	U	<0.513	U	<0.667	U	5
Indeno(1,2,3-cd)pyrene	<0.0513	U	<0.0513	U	<0.0513	U	<0.0667	U	0.002
Isophorone	<2.56	U	<2.56	U	<2.56	U	<3.33	U	50
Naphthalene	<0.0513	U	**0.26**		<0.0513	U	<0.0667	U	10
Nitrobenzene	<0.256	U	<0.256	U	<0.256	U	<0.333	U	0.4
N-Nitrosodimethylamine	<0.513	U	<0.513	U	<0.513	U	<0.667	U	NS
N-nitroso-di-n-propylamine	<2.56	U	<2.56	U	<2.56	U	<3.33	U	NS
N-Nitrosodiphenylamine	<2.56	U	<2.56	U	<2.56	U	<3.33	U	50
Pentachlorophenol	<0.256	U	<0.256	U	<0.256	U	<0.333	U	1
Phenanthrene	<0.0513	U	**0.20**		<0.0513	U	<0.0667	U	50
Phenol	<2.56	U	<2.56	U	**5.6**		<3.33	U	1
Pyrene	<0.0513	U	<0.0513	U	<0.0513	U	<0.0667	U	50
Pyridine	<2.56	U	<2.56	U	<2.56	U	<3.33	U	50
Total SVOC's	ND		1.44		5.60		ND		NS

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

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

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

ND=analyte not detected at or above the level indicated

= sample exceeds NYSDEC TOGS Standards and Guidance Values - GA

Table 7

Groundwater Analytical Results for Pesticides and PCBs

200 East 135th Street, Bronx, New York

Sample ID	MW-1		MW-2		MW-3		Field Blank		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	6/16/2015		7/1/2015		6/16/2015		6/16/2015		
Client Matrix	Water		Water		Water		Water		
Compound	Result		Result		Result		Result		
Units	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L
4,4'-DDD	**0.0043**		<0.00457	U	<0.00471	U	<0.00421	U	0.3
4,4'-DDE	<0.0041	U	<0.00457	U	<0.00471	U	<0.00421	U	0.2
4,4'-DDT	<0.0041	U	<0.00457	U	<0.00471	U	<0.00421	U	0.2
Aldrin	<0.0041	U	<0.00457	U	<0.00471	U	<0.00421	U	NS
alpha-BHC	<0.0041	U	<0.00457	U	<0.00471	U	<0.00421	U	0.01
alpha-Chlordane	<0.0041	U	<0.00457	U	<0.00471	U	<0.00421	U	NS
Aroclor 1016	<0.0513	U	<0.0571	U	<0.0588	U	<0.0526	U	NS
Aroclor 1221	<0.0513	U	<0.0571	U	<0.0588	U	<0.0526	U	NS
Aroclor 1232	<0.0513	U	<0.0571	U	<0.0588	U	<0.0526	U	NS
Aroclor 1242	<0.0513	U	<0.0571	U	<0.0588	U	<0.0526	U	NS
Aroclor 1248	<0.0513	U	<0.0571	U	<0.0588	U	<0.0526	U	NS
Aroclor 1254	<0.0513	U	<0.0571	U	<0.0588	U	<0.0526	U	NS
Aroclor 1260	<0.0513	U	<0.0571	U	<0.0588	U	<0.0526	U	NS
beta-BHC	<0.0041	U	<0.00457	U	<0.00471	U	<0.00421	U	0.04
Chlordane, total	<0.041	U	<0.0457	U	<0.0471	U	<0.0421	U	0.05
delta-BHC	<0.0041	U	<0.00457	U	<0.00471	U	<0.00421	U	0.04
Dieldrin	<0.00205	U	<0.00229	U	<0.00235	U	<0.00211	U	0.004
Endosulfan I	<0.0041	U	<0.00457	U	<0.00471	U	<0.00421	U	NS
Endosulfan II	<0.0041	U	<0.00457	U	<0.00471	U	<0.00421	U	NS
Endosulfan sulfate	<0.0041	U	<0.00457	U	<0.00471	U	<0.00421	U	NS
Endrin	<0.0041	U	<0.00457	U	<0.00471	U	<0.00421	U	NS
Endrin aldehyde	<0.0103	U	<0.0114	U	<0.0118	U	<0.0105	U	5
Endrin ketone	<0.0103	U	<0.0114	U	<0.0118	U	<0.0105	U	5
gamma-BHC (Lindane)	<0.0041	U	<0.00457	U	<0.00471	U	<0.00421	U	0.05
gamma-Chlordane	<0.0103	U	<0.0114	U	<0.0118	U	<0.0105	U	NS
Heptachlor	<0.0041	U	<0.00457	U	<0.00471	U	<0.00421	U	0.04
Heptachlor epoxide	<0.0041	U	<0.00457	U	<0.00471	U	<0.00421	U	0.03
Methoxychlor	<0.0041	U	<0.00457	U	<0.00471	U	<0.00421	U	35
Toxaphene	<0.103	U	<0.114	U	<0.118	U	<0.105	U	0.06
Total PCBs	<0.0513	U	<0.0571	U	<0.0588	U	<0.0526	U	0.09

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

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

ND=analyte not detected at or above the level indicated

= sample exceeds NYSDEC TOGS Standards and Guidance Values - GA

Table 8

Groundwater Analytical Results for Metals

200 East 135th Street, Bronx, New York

Sample ID	MW-1		MW-2		MW-3		Field Blank		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	6/16/2015		7/1/2015		6/16/2015		6/16/2015		
Client Matrix	Water		Water		Water		Water		
Compound	Result		Result		Result		Result		
Units	ug/L	Q	ug/L	Q	ug/L	Q	ug/L	Q	ug/L
Metals, Target Analyte									
Aluminum	**29,300**		**129**		**1,380**		<50	U	NS
Antimony	**59**		<5	U	**5**		<5	U	3
Arsenic	<4	U	**14**		<4	U	<4	U	25
Barium	**369**		**105**		**203**		<10	U	1000
Beryllium	<1	U	<1	U	<1	U	<1	U	3
Cadmium	<3	U	<3	U	<3	U	<3	U	5
Calcium	**136,000**		**215,000**		**299,000**		<50	U	NS
Chromium	**57**		<5	U	6		<5	U	50
Chromium, Hexavalent	<10	U	<10	U	<10	U	<10	U	50
Chromium, Trivalent	**57**		<10	U	<10	U	<10	U	NS
Cobalt	<5	U	<5	U	<5	U	<5	U	NS
Copper	**115**		**12**		**28**		<3	U	200
Iron	**18,400**		**17,700**		**19,500**		<20	U	NS
Lead	**227**		**6**		**36**		<3	U	25
Magnesium	**25,000**		**41,500**		**164,000**		<50	U	35000
Manganese	**519**		**3,550**		**2,690**		<5	U	300
Mercury	<0.2	U	<0.2	U	<0.2	U	<0.2	U	0.7
Nickel	<5	U	<5	U	<5	U	<5	U	100
Potassium	**24,600**		**26,300**		**77,200**		**139**		NS
Selenium	**160**		<10	U	**17**		<10	U	10
Silver	<5	U	<5	U	<5	U	<5	U	50
Sodium	**173,000**	**B**	**169,000**		**816,000**	**BE**	**1,090**	**B**	20000
Thallium	<5	U	<5	U	<5	U	<5	U	NS
Vanadium	**62**		<10	U	<10	U	<10	U	NS
Zinc	**156**		**31**		**65**		**14**		2000
Metals, Target Analyte, Dissolved									
Aluminum	**3,430**		<50	U	<50	U	<50	U	NS
Antimony	**40**		<5	U	<5	U	<5	U	3
Arsenic	<4	U	**6**		<4	U	**6**		25
Barium	**99**		**57**		**56**		<10	U	1000
Beryllium	<1	U	<1	U	<1	U	<1	U	3
Cadmium	<3	U	<3	U	<3	U	<3	U	5
Calcium	**112,000**		**214,000**		**273,000**		<50	U	NS
Chromium	**12**		<5	U	<5	U	<5	U	50
Cobalt	<5	U	<5	U	<5	U	<5	U	NS
Copper	**39**		**6**		**10**		<3	U	200
Iron	**2,140**		**160**		**1,500**		<20	U	NS
Lead	**27**		<3	U	<3	U	<3	U	25
Magnesium	**21,600**		**40,700**		**145,000**		<50	U	35000
Manganese	**277**		**3,260**		**2,380**		<5	U	300
Mercury	<0.2	U	<0.2	U	<0.2	U	<0.2	U	0.7
Nickel	<5	U	<5	U	<5	U	<5	U	100
Potassium	**16,400**		**25,900**		**71,100**		**133**		NS
Selenium	**60**		<10	U	**27**		**14**		10
Silver	<5	U	<5	U	<5	U	<5	U	50
Sodium	**157,000**		**170,000**		**782,000**	**E**	**1,010**		20000
Thallium	<5	U	<5	U	<5	U	<5	U	NS
Vanadium	<10	U	<10	U	<10	U	<10	U	NS
Zinc	**16**		<10	U	**15**		<10	U	2000

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

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

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

= sample exceeds NYSDEC TOGS Standards and Guidance Values - GA

Table 9
Soil Vapor Analytical Results
200 East 135t Street, Bronx, New York

Sample ID	SV-1		SV-2		SV-3		SV-4		SV-5		OA-1		OA-1 Re-Test		NYSDOH Background Standards - Indoor Air - Upper Fence
Sampling Date	6/16/2015		6/16/2015		6/16/2015		6/16/2015		7/1/2015		6/16/2015		7/1/2015		
Client Matrix	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Outdoor Ambient Air		Outdoor Ambient Air		
Compound	Result		Result		Result		Result		Result		Result		Result		
Units	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3	Q	ug/m3
1,1,1,2-Tetrachloroethane	<15	U	<12	U	<14	U	<14	U	<16	U	<0.69	U	<0.7	U	NS
1,1,1-Trichloroethane	<12	U	<9.3	U	<11	U	<11	U	<12	U	<0.55	U	<0.55	U	2.5
1,1,2,2-Tetrachloroethane	<15	U	<12	U	<14	U	<14	U	<16	U	<0.69	U	<0.7	U	0.4
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<16	U	<13	U	<16	U	<16	U	<18	U	<0.77	U	<0.78	U	2.5
1,1,2-Trichloroethane	<12	U	<9.3	U	<11	U	<11	U	<12	U	<0.55	U	<0.55	U	0.4
1,1-Dichloroethane	<8.7	U	<6.9	U	<8.5	U	<8.5	U	<9.3	U	<0.4	U	<0.41	U	0.4
1,1-Dichloroethylene	<8.5	U	<6.8	U	<8.3	U	<8.3	U	<9.1	U	<0.4	U	<0.4	U	0.4
1,2,4-Trichlorobenzene	<16	U	<13	U	<16	U	<16	U	<17	U	<0.74	U	<0.75	U	0.5
1,2,4-Trimethylbenzene	<11	U	<8.4	U	<10	U	<10	U	**12**	**D**	**3.90**		<0.5	U	9.8
1,2-Dibromoethane	<16	U	<13	U	<16	U	<16	U	<18	U	<0.77	U	<0.78	U	0.4
1,2-Dichlorobenzene	<13	U	<10	U	<13	U	<13	U	<14	U	<0.6	U	<0.61	U	0.5
1,2-Dichloroethane	<8.7	U	<6.9	U	<8.5	U	<8.5	U	<9.3	U	<0.4	U	<0.41	U	0.4
1,2-Dichloropropane	<9.9	U	<7.9	U	<9.7	U	<9.7	U	<11	U	<0.46	U	<0.47	U	0.4
1,2-Dichlorotetrafluoroethane	<15	U	<12	U	<15	U	<15	U	<16	U	<0.7	U	<0.71	U	0.4
1,3,5-Trimethylbenzene	<11	U	<8.4	U	<10	U	<10	U	<11	U	**1.10**		<0.5	U	3.9
1,3-Butadiene	<9.3	U	<7.4	U	<9.1	U	<9.1	U	**150**	**D**	<0.43	U	<0.44	U	NS
1,3-Dichlorobenzene	<13	U	<10	U	<13	U	<13	U	<14	U	<0.6	U	<0.61	U	0.5
1,3-Dichloropropane	<9.9	U	<7.9	U	<9.7	U	<9.7	U	<11	U	<0.46	U	<0.47	U	NS
1,4-Dichlorobenzene	<13	U	<10	U	<13	U	<13	U	<14	U	<0.6	U	<0.61	U	1.2
1,4-Dioxane	<7.7	U	<6.2	U	<7.6	U	<7.6	U	<8.3	U	<0.36	U	<0.37	U	NS
2-Butanone	<6.3	U	<5	U	<6.2	U	<6.2	U	**91**	**D**	**4.20**		**1.60**	**D**	16
2-Hexanone	<18	U	<14	U	<17	U	<17	U	<19	U	<0.82	U	<0.83	U	NS
3-Chloropropene	<6.7	U	<5.3	U	<6.6	U	<6.6	U	<7.2	U	<0.31	U	<0.32	U	NS
4-Methyl-2-pentanone	<8.8	U	<7	U	<8.6	U	<8.6	U	<9.4	U	<0.41	U	<0.42	U	1.9
Acetone	<5.1	U	**23**	**D**	**20**	**D**	**13**	**D**	**580**	**D**	**41**		**21**	**D**	115
Acrylonitrile	<4.7	U	<3.7	U	<4.6	U	<4.6	U	<5	U	<0.22	U	<0.22	U	NS
Benzene	<6.9	U	<5.5	U	<6.7	U	<6.7	U	**45**	**D**	**6.30**		**0.52**	**D**	13
Benzyl chloride	<11	U	<8.8	U	<11	U	<11	U	<12	U	<0.52	U	<0.53	U	NS
Bromodichloromethane	<13	U	<11	U	<13	U	<13	U	<14	U	<0.62	U	<0.63	U	NS
Bromoform	<22	U	<18	U	<22	U	<22	U	<24	U	<1	U	<1	U	NS
Bromomethane	<8.3	U	<6.6	U	<8.2	U	<8.2	U	<8.9	U	<0.39	U	<0.39	U	0.5
Carbon disulfide	**13**	**D**	<5.3	U	**17**	**D**	<6.5	U	**130**	**D**	<0.31	U	<0.32	U	NS
Carbon tetrachloride	<3.4	U	<2.7	U	<3.3	U	<3.3	U	<3.6	U	**0.50**		<0.16	U	1.3
Chlorobenzene	<9.9	U	<7.9	U	<9.7	U	<9.7	U	<11	U	<0.46	U	<0.47	U	0.4
Chloroethane	<5.7	U	<4.5	U	<5.5	U	<5.5	U	<6	U	<0.26	U	<0.27	U	0.4
Chloroform	<10	U	<8.3	U	<10	U	<10	U	<11	U	**0.54**		<0.5	U	1.2
Chloromethane	<4.4	U	<3.5	U	<4.3	U	<4.3	U	<4.7	U	**2.10**		**1.80**	**D**	4.2
cis-1,2-Dichloroethylene	<8.5	U	<6.8	U	<8.3	U	<8.3	U	<9.1	U	<0.4	U	<0.4	U	0.4
cis-1,3-Dichloropropylene	<9.7	U	<7.8	U	<9.5	U	<9.5	U	<10	U	<0.45	U	<0.46	U	0.4
Cyclohexane	**8.90**	**D**	<5.9	U	<7.2	U	<7.2	U	**32**	**D**	**5**		<0.35	U	6.3
Dibromochloromethane	<17	U	<14	U	<17	U	<17	U	<18	U	<0.8	U	<0.81	U	NS
Dichlorodifluoromethane	**22**	**D**	<8.4	U	**54**	**D**	**17**	**D**	**31**	**D**	**2.40**		**2.10**	**D**	10
Ethyl acetate	<15	U	<12	U	<15	U	<15	U	<17	U	<0.72	U	<0.73	U	NS
Ethyl Benzene	<9.3	U	<7.4	U	<9.1	U	<9.1	U	**24**	**D**	**3.80**		<0.44	U	6.4
Hexachlorobutadiene	<23	U	<18	U	<22	U	<22	U	<24	U	<1.1	U	<1.1	U	0.5
Isopropanol	<11	U	<8.4	U	<10	U	<10	U	<11	U	**84**		**4.10**	**D**	NS
Methyl Methacrylate	<8.8	U	<7	U	<8.6	U	<8.6	U	<9.4	U	<0.41	U	<0.42	U	0.4
Methyl tert-butyl ether (MTBE)	<7.7	U	<6.1	U	<7.6	U	<7.6	U	<8.2	U	<0.36	U	<0.37	U	14
Methylene chloride	<15	U	<12	U	<15	U	<15	U	<16	U	**53**		**0.85**	**D**	16
n-Heptane	**23**	**D**	<7	U	<8.6	U	<8.6	U	**53**	**D**	**7.70**		<0.42	U	18
n-Hexane	**60**	**D**	<6	U	<7.4	U	<7.4	U	**110**	**D**	**34**		<0.36	U	14
o-Xylene	<9.3	U	<7.4	U	<9.1	U	<9.1	U	<9.9	U	**4.80**		<0.44	U	7.1
p- & m- Xylenes	<19	U	<15	U	<18	U	<18	U	<20	U	**15**		<0.88	U	11
p-Ethyltoluene	<11	U	<8.4	U	<10	U	<10	U	<11	U	**3.50**		<0.5	U	NS
Propylene	<3.7	U	<2.9	U	<3.6	U	<3.6	U	<3.9	U	<0.17	U	<0.17	U	NS
Styrene	<9.1	U	<7.3	U	<8.9	U	<8.9	U	<9.8	U	<0.43	U	<0.43	U	1.4
Tetrachloroethylene	<3.6	U	**13**	**D**	**19**	**D**	**130**	**D**	<3.9	U	**240**		<0.17	U	2.5
Tetrahydrofuran	<6.3	U	<5	U	<6.2	U	<6.2	U	**69**	**D**	<0.29	U	**1.90**	**J**	0.8
Toluene	<8.1	U	<6.4	U	<7.9	U	<7.9	U	**31**	**D**	**32**		**1.50**	**D**	57
trans-1,2-Dichloroethylene	<8.5	U	<6.8	U	<8.3	U	<8.3	U	<9.1	U	<0.4	U	<0.4	U	NS
trans-1,3-Dichloropropylene	<9.7	U	<7.8	U	<9.5	U	<9.5	U	<10	U	<0.45	U	<0.46	U	NS
Trichloroethylene	<2.9	U	<2.3	U	<2.8	U	<2.8	U	<3.1	U	**0.32**		<0.14	U	0.5
Trichlorofluoromethane (Freon 11)	**36**	**D**	**36**	**D**	**34**	**D**	**15**	**D**	<13	U	**11**		**1.20**	**D**	12
Vinyl acetate	<7.6	U	<6	U	<7.4	U	<7.4	U	<8.1	U	<0.35	U	<0.36	U	NS
Vinyl bromide	<9.4	U	<7.5	U	<9.2	U	<9.2	U	<10	U	<0.44	U	<0.44	U	NS
Vinyl Chloride	<1.4	U	<1.1	U	<1.3	U	<1.3	U	<1.5	U	<0.064	U	<0.065	U	0.4
Total VOCs	162.90		72.00		144.00		175.00		1,358.00		556.16		36.57		NS

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated
NS=this indicates that no regulatory limit has been established for this analyte

APPENDICES

Appendix A: Previous Investigation (Subsurface [Phase II] Investigation by AKRF, Inc.)

Storage Deluxe
200 East 135th Street
BRONX, NEW YORK

Subsurface (Phase II) Investigation
AKRF Project Number: 80095

Prepared for:

Storage Deluxe
50 Main Street, Suite 812
White Plains, New York 10606

Prepared by:

AKRF
440 Park Avenue South, 7th Floor
New York, New York 10016
212-696-0670

DECEMBER 2006

TABLE OF CONTENTS

1.0 Introduction 1
2.0 Topography and Hydrogeology 1
3.0 Field Activities 2
3.1 Soil Borings 2
3.2 Field Observations and Analytical Results 2
4.0 Laboratory Analytical Results 3
4.1 Soil Analytical Results 3
5.0 Conclusions and Recommendations 5
6.0 References 6

TABLES

Table 1 - Summary of Volatile Organic Compounds (VOCs) in Soil
Table 2 - Summary of Semivolatile Organic Compounds (SVOCs) in Soil
Table 3 - Summary of Polycyclic Aromatic Hydrocarbons (PAHs) in Soil
Table 4 - Summary of PCBs and Pesticides in Soil
Table 5 - Summary of Metals in Soil

FIGURES

Figure 1 - Site Location Map
Figure 2 - Site Plan

APPENDICES

Appendix A - Soil Boring Logs
Appendix B - Soil Analytical Data Sheets
Appendix C – Post Excavation Figure from 1999 Remedial Activities Report

1.0 INTRODUCTION

AKRF, Inc. (AKRF) conducted a subsurface (Phase II) investigation at the 200 East 135th Street property in the Bronx, New York. The subject site consisted of an approximately 42,000 square-foot unpaved vacant lot located on the south side of East 135th Street between 3rd and Park Avenues. The Phase II study was intended to determine whether the site had been affected by current or former on- or off-site operations. A site location map is provided as Figure 1.

The subject site of this investigation was included in several previous environmental studies comprising a larger, approximately 6.5-acre site. The investigations included: a Phase I Environmental Site Assessment (ESA) in June 1995 by Aqua Terra Environmental Services Corp.; and a Phase I Update in September 1997, a Subsurface (Phase II) Investigation in January 1998, and a supplemental Subsurface (Phase II) Investigation in February 1998 by Land Tech Remedial, Inc. Historical on-site operations included a railroad freight yard, coal yards, warehousing and various industrial uses, some of which included oil storage. Laboratory analysis of soil samples collected during several of these investigations detected concentrations of volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs) and metals above the New York State Department of Environmental Conservation (NYSDEC) guidance values; however, no samples indicated that the soil would be considered a characteristic hazardous waste in accordance with state regulations.

Consequently, AKRF completed remedial activities at the 6.5-acre site in the fall of 1999 that included test pits, endpoint soil sample analysis, and the off-site removal of: approximately 4,000 cubic yards of screened soil; approximately 60 cubic yards of tires; and approximately 4,000 cubic yards of oversized masonry and co-mingled debris (concrete, wood and metal). Two of the test pits, one soil boring and five endpoint samples analyzed were from within the approximately 42,000-square foot project area of this current investigation. In addition, soil from an approximately 1,600 square-foot section of the subject site was excavated for off-site disposal. A figure from AKRF's Remedial Activities Report showing the locations of the soil removal, test pit and soil boring locations and confirmatory end-point sampling is included as Appendix C. The location of this current study site is highlighted on the old figure. Subsequent to the remediation activities, a Phase I ESA was conducted by SECOR in April 2004 and a Phase I Update was conducted by AKRF in August 2006.

This Subsurface (Phase II) study was conducted on November 1, 2006 and included the advancement of five soil borings and the collection of soil samples for laboratory analysis. The scope of work was based on the previous investigations conducted at the site. This report describes methods and results of the Phase II investigation conducted by AKRF.

2.0 TOPOGRAPHY AND HYDROGEOLOGY

The surface topography at the site is generally level. Based on the U.S. Geological Survey Central Park, New York-New Jersey topographic map, the property lies at an elevation of approximately 20 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level).

Groundwater was encountered at a depth of approximately 13 feet below surface grade during this investigation. Groundwater most likely flows in a south-southwesterly direction toward the Bronx River, located approximately 400 feet southwest of the study site. However, actual groundwater flow at the site can be affected by many factors including past filling activities, underground utilities and other subsurface openings or obstructions such as basements, underground parking garages, bedrock geology,

and other factors beyond the scope of this study. Groundwater in the Bronx is not used as a source of potable water.

3.0 FIELD ACTIVITIES

3.1 Soil Borings

On November 1, 2006, Zebra Environmental of Lynbrook, New York advanced five soil borings at the subject property, as shown on Figure 2. The soil borings were advanced using a truck-mounted Geoprobe® direct push probe (DPP) unit. Soil samples were collected using five-foot long, two-inch diameter, macrocore piston rod samplers fitted with acetate liners. Soil borings AK-SB-1, AK-SB-2, AK-SB-4 and AK-SB-5 were advanced to 10 feet below grade and soil boring AK-SB-3 was advanced to 15 feet below grade. Soil boring logs are provided in Appendix A.

Each sample was split lengthwise and logged by AKRF field personnel. Logging consisted of: describing the soil according to the modified Burmister Classification System; describing any evidence of contamination (e.g., staining, sheens, odors); and screening the soil for organic vapors using a photoionization detector (PID) in one-foot intervals. Two soil samples from each boring (one shallow and one deep) were selected for laboratory analysis based on PID response and visual indications of contamination. At soil boring location AK-SB-3, perched groundwater was encountered at a depth of approximately nine feet below grade. The soil was dry between the 10-foot to 13-foot interval. The groundwater table was encountered at approximately 13 feet below grade.

Soil samples designated for laboratory analysis were collected using dedicated sampling equipment, placed into laboratory-supplied containers and a chilled cooler, and submitted via courier to Alpha Analytical Laboratories in Westborough, Massachusetts, a New York State-certified laboratory. Soil samples were analyzed for volatile organics compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, polychlorinated biphenyls (PCBs) by Method 8081, pesticides by Method 8082, and target analyte list (TAL) metals.

An attempt was made to collect a groundwater sample at soil boring AK-SB-3 using a temporary PVC monitoring well, dedicated tubing and a peristaltic pump. Due to the high silt content in the well, a groundwater sample could not be collected.

One trip blank accompanied the sample shipment for quality assurance/quality control (QA/QC) purposes, which was analyzed for VOCs by EPA Method 8260 only. No additional QA/QC samples were collected.

3.2 Field Observations and Analytical Results

Soil encountered during this investigation consisted of urban fill (brick, wood, glass, ash, coal slag and coal) with some brown and gray fine sand, silt, and fine gravel. Groundwater was encountered at a depth of approximately 13 feet below surface grade at soil boring location AK-SB-3.

Recovered soil at each boring was transferred from the sampler into sealable plastic bags. The headspace of each sample was screened for volatile organic compounds (VOCs) by placing the probe of a Model 580B photoionization detector (PID) inside the plastic bags. No PID headspace readings were detected above background in soil boring locations AK-SB-1, AK-SB-2 and AK-

SB-4. A PID headspace reading of 6.4 parts per million (ppm) and a slight petroleum-like odor were detected in the soil from soil boring AK-SB-3 at a depth of approximately 9 to 10 feet below grade. A PID headspace reading of 0.7 ppm and a slight creosote-like odor were detected in soil from soil boring AK-SB-5 at a depth of approximately 8 to 9 feet below grade. Wood fragments were noted in the boring at this depth, which may have been creosote-treated. Results of the field screening activities are provided in the soil boring logs in Appendix A.

4.0 LABORATORY ANALYTICAL RESULTS

4.1 Soil Analytical Results

Ten (10) discrete soil samples, two from each boring, were collected for laboratory analysis as part of this investigation. Soil sample analytical results were compared to the Recommended Soil Cleanup Objectives (RSCO), outlined in the New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum (TAGM) 4046. In addition, results of the soil metals analyses were compared to TAGM 4046 Eastern United States background levels. Soil descriptions, observations, and photoionization detector (PID) readings were recorded on the soil boring logs provided in Appendix A. Laboratory analytical data sheets are included in Appendix B.

Soil analytical results for volatile organic compounds (VOCs) are presented in Table 1. Acetone was detected in soil samples AK-SB-3 (9'-10') and AK-SB-4 (9'-10') at concentrations of 0.13 parts per million (ppm) and 0.053 ppm, respectively, which are below the TAGM RSCO of 0.2 ppm. A concentration of 2-butanone was detected in soil sample AK-SB-3 (9'-10') at 0.032 ppm, which is below the TAGM RSCO of 0.3 ppm. Naphthalene was detected in samples AK-SB-2 (1'-2'), AK-SB-3 (2'-3'), AK-SB-4 (9'-10'), and AK-SB-5 (8'-9) at concentrations ranging from 0.017 ppm to 0.49 ppm, below the RSCO of 13 ppm. A PID headspace reading of 6.4 ppm and a slight petroleum-like odor were detected in soil boring location AK-SB-3 (9'-10'); however, based on field observations and the lack of a petroleum source, the detections in these samples were most likely due to the quality of urban fill material and not to a specific release or spill.

Soil analytical results for semivolatile organic compounds (SVOCs) are presented in Table 2. SVOCs were detected in all of the soil samples analyzed, in some cases at concentrations above their respective TAGM RSCOs. To accurately quantify certain SVOCs for comparison with the established TAGM RSCOs, the polycyclic aromatic hydrocarbons (PAHs) portion of the SVOCs were reanalyzed in the laboratory at lower detection limits. In some samples, the laboratory reported elevated detection limits due to elevated concentrations of target compounds. The results of this analysis are presented in Table 3. Detected elevated compounds included benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, naphthalene, phenol, and phenanthrene. The majority of the SVOCs detected, including those that exceeded the TAGM criteria, were PAHs, compounds typically detected in urban fill encountered in New York City. In general, soil sampled during this investigation comprised urban fill material, including coal and ash. Based on the nature and concentration of compounds detected, these levels are likely attributable to urban fill and do not reflect contamination from an on- or off-site spill or release.

Soil analytical results for polychlorinated biphenyls (PCBs) and pesticides are presented in Table 4. PCBs were detected in soil samples AK-SB-1 (1'-2'), AK-SB-2 (9'-10'), AK-SB-3 (2'-3'), AK-SB-4 (2'-3') and AK-SB-5 (8'-9') at concentrations below the TAGM RSCO of 10 ppm for subsurface soil. Pesticides were detected in soil samples AK-SB-1 (1'-2'), AK-SB-2 (1'-2'),

AK-SB-3 (2'-3'), and AK-SB-3 (9'-10'), but at concentrations below their respective TAGM RSCOs. Based on the nature and distribution of identified PCBs and pesticides in the analyzed samples, the detected levels are likely attributable to the urban fill and do not reflect contamination from an on- or off-site spill or release.

Metals analytical results are presented in Table 5. Metals were detected in all ten samples analyzed, primarily at concentrations either below the TAGM RSCOs or within the Eastern United States background ranges. Metals concentrations exceeding both of these criteria included cadmium, calcium, chromium, copper, magnesium, mercury, nickel, and zinc. Based on the type and distribution of the identified metals concentrations, the metals detections are most likely attributable to urban fill at the site or are naturally occurring in the soil and do not appear to be indicative of environmental contamination from historic on-site operations.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Ten (10) soil samples were collected from the five (5) soil borings for laboratory analysis. Soil encountered during this investigation generally consisted of urban fill (brick, wood, glass, ash, coal slag and coal) with some brown and gray fine sand, silt, and fine gravel.

Laboratory analysis indicated that low levels of volatile organic compounds (VOCs) were detected in four of the soil samples analyzed at concentrations below their respective TAGM RSCOs. SVOCs were detected in all of the soil samples analyzed, in some cases at concentrations above their respective TAGM RSCOs. PCBs and pesticides were detected in some of the soil samples analyzed, but at concentrations below their respective TAGM RSCOs. Metals were detected in all ten samples analyzed, primarily at concentrations either below the TAGM RSCOs or within the Eastern United States background ranges. Based on the concentrations and distribution of the identified compounds and metals, the detections are most likely attributable to the urban fill at the site.

Proposed redevelopment of the subject site includes construction of a storage building. The first three floors (approximately 100,000 square feet) of the seven floor building will be for art storage. The proposed construction will be pile-supported and will not have a basement. Final first floor grade will be approximately one foot above existing grade and the loading dock will be approximately two feet below existing grade. A 10-mil thick vapor barrier will be placed on top of a four to six-inch gravel substrate. The building will include a sophisticated air handling system which will filter the incoming air that will be circulated throughout the space. Dewatering will not be necessary for site development. Any soil excavated as part of any future site development activities will be managed in accordance with all applicable regulations. Soil intended for off-site disposal will be tested in accordance with the requirements of the receiving facility. Transportation of material leaving the site for off-site disposal will be in accordance with federal, state and local requirements covering licensing of haulers and trucks, placarding, truck routes, manifesting, etc.

Because the proposed warehouse will be used only for the storage of art, and the development plans include the installation of an air purifying system to protect the art and a vapor barrier, potential vapor intrusion into the proposed warehouse is not expected to affect human health. In addition, no significant volatile organics were detected by this Phase II study in the underlying soil.

Based on the results of this investigation, and on the positive effect of the previous remedial activities conducted at the subject site, and the proposed systems that will be installed in and below the proposed building, no further investigation is warranted at this time.

6.0 REFERENCES

1. Phase I Environmental Site Assessment Update – East 135th Street and Park Avenue, Bronx, New York; Land Tech Remedial, Inc.; September 1997.
2. Phase II Subsurface Investigation – East 135th Street and Park Avenue, Bronx, New York; Land Tech Remedial, Inc.; January 1998.
3. Supplemental Phase II Subsurface Investigation – East 135th Street and Park Avenue, Bronx, New York; Land Tech Remedial, Inc.; February 1998.
4. Remedial Activities Report – East 135th Street, Bronx, New York; AKRF, Inc.; November 1999.
5. Phase I Environmental Site Assessment – East 135th Street, Bronx, New York; SECOR International, Inc.; April 2004.
6. Phase I Environmental Site Assessment Update – East 135th Street, Bronx, New York; AKRF, Inc.; August 2006.

TABLES

Table 1
200 East 135th Street
Bronx, NY
Soil Analytical Results
Volatile Organic Compounds

Client ID LAB SAMPLE ID SAMPLING DATE UNITS Compounds	NY-TAGM RSCO mg/kg	AK-SB-1 (1'-2') L0615863-01 11/1/2006 mg/kg	AK-SB-1 (6'-7') L0615863-02 11/1/2006 mg/kg	AK-SB-2 (1'-2') L0615863-03 11/1/2006 mg/kg	AK-SB-2 (9'-10') L0615863-04 11/1/2006 mg/kg	AK-SB-3 (2'-3') L0615863-05 11/1/2006 mg/kg	AK-SB-3 (9'-10') L0615863-06 11/1/2006 mg/kg
1,1,1,2-Tetrachloroethane	NS	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
1,1,1-Trichloroethane	0.8	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
1,1,2,2-Tetrachloroethane	0.6	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
1,1,2-Trichloroethane	NS	0.0044 U	0.0041 U	0.0041 U	0.0042 U	0.0042 U	0.0046 U
1,1-Dichloroethane	0.2	0.0044 U	0.0041 U	0.0041 U	0.0042 U	0.0042 U	0.0046 U
1,1-Dichloroethene	0.4	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
1,1-Dichloropropene	NS	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
1,2,3-Trichlorobenzene	NS	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
1,2,3-Trichloropropane	0.4	0.029 U	0.027 U	0.027 U	0.028 U	0.028 U	0.03 U
1,2,4-Trichlorobenzene	3.4	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
1,2,4-Trimethylbenzene	NS	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
1,2-Dibromo-3-chloropropane	NS	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
1,2-Dibromoethane	NS	0.012 U	0.011 U	0.011 U	0.011 U	0.011 U	0.012 U
1,2-Dichlorobenzene	7.9	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
1,2-Dichloroethane	0.1	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
1,2-Dichloropropane	NS	0.01 U	0.0096 U	0.0096 U	0.0098 U	0.0097 U	0.011 U
1,3,5-Trimethylbenzene	NS	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
1,3-Dichlorobenzene	1.6	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
1,3-Dichloropropane	0.3	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
1,4-Dichlorobenzene	8.5	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
1,4-Dichlorobutane	NS	0.029 U	0.027 U	0.027 U	0.028 U	0.028 U	0.03 U
2,2-Dichloropropane	NS	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
2-Butanone	0.3	0.029 U	0.027 U	0.027 U	0.028 U	0.028 U	0.032
2-Hexanone	NS	0.029 U	0.027 U	0.027 U	0.028 U	0.028 U	0.03 U
4-Methyl-2-pentanone	1	0.029 U	0.027 U	0.027 U	0.028 U	0.028 U	0.03 U
Acetone	0.2	0.029 U	0.027 U	0.027 U	0.028 U	0.028 U	0.13
Acrolein	NS	0.073 U	0.069 U	0.069 U	0.07 U	0.069 U	0.076 U
Acrylonitrile	NS	0.012 U	0.011 U	0.011 U	0.011 U	0.011 U	0.012 U
Benzene	0.06	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
Bromobenzene	NS	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
Bromochloromethane	NS	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
Bromodichloromethane	NS	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
Bromoform	NS	0.012 U	0.011 U	0.011 U	0.011 U	0.011 U	0.012 U
Bromomethane	NS	0.0058 U	0.0055 U	0.0055 U	0.0056 U	0.0056 U	0.0061 U
Carbon disulfide	2.7	0.029 U	0.027 U	0.027 U	0.028 U	0.028 U	0.03 U
Carbon tetrachloride	0.6	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
Chlorobenzene	1.7	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
Chloroethane	1.9	0.0058 U	0.0055 U	0.0055 U	0.0056 U	0.0056 U	0.0061 U
Chloroform	0.3	0.0044 U	0.0041 U	0.0041 U	0.0042 U	0.0042 U	0.0046 U
Chloromethane	NS	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
cis-1,2-Dichloroethene	NS	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
cis-1,3-Dichloropropene	NS	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
Dibromochloromethane	NS	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
Dibromomethane	NS	0.029 U	0.027 U	0.027 U	0.028 U	0.028 U	0.03 U
Dichlorodifluoromethane	NS	0.029 U	0.027 U	0.027 U	0.028 U	0.028 U	0.03 U
Ethyl ether	NS	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
Ethyl methacrylate	NS	0.029 U	0.027 U	0.027 U	0.028 U	0.028 U	0.03 U
Ethylbenzene	5.5	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
Hexachlorobutadiene	NS	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
Iodomethane	NS	0.029 U	0.027 U	0.027 U	0.028 U	0.028 U	0.03 U
Isopropylbenzene	NS	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
Methyl tert butyl ether	NS	0.0058 U	0.0055 U	0.0055 U	0.0056 U	0.0056 U	0.0061 U
Methylene chloride	0.1	0.029 U	0.027 U	0.027 U	0.028 U	0.028 U	0.03 U
Naphthalene	13	0.014 U	0.014 U	0.021	0.014 U	0.023	0.015 U
n-Butylbenzene	NS	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
n-Propylbenzene	NS	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
o-Chlorotoluene	NS	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
o-Xylene	NS	0.0058 U	0.0055 U	0.0055 U	0.0056 U	0.0056 U	0.0061 U
p/m-Xylene	NS	0.0058 U	0.0055 U	0.0055 U	0.0056 U	0.0056 U	0.0061 U
p-Chlorotoluene	NS	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
p-Isopropyltoluene	NS	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
sec-Butylbenzene	NS	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
Styrene	NS	0.0058 U	0.0055 U	0.0055 U	0.0056 U	0.0056 U	0.0061 U
tert-Butylbenzene	NS	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
Tetrachloroethene	1.4	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
Tetrahydrofuran	NS	0.058 U	0.055 U	0.055 U	0.056 U	0.056 U	0.061 U
Toluene	1.5	0.0044 U	0.0041 U	0.0041 U	0.0042 U	0.0042 U	0.0046 U
trans-1,2-Dichloroethene	0.3	0.0044 U	0.0041 U	0.0041 U	0.0042 U	0.0042 U	0.0046 U
trans-1,3-Dichloropropene	NS	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
trans-1,4-Dichloro-2-butene	NS	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
Trichloroethene	0.7	0.0029 U	0.0027 U	0.0027 U	0.0028 U	0.0028 U	0.003 U
Trichlorofluoromethane	NS	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.015 U
Vinyl acetate	NS	0.029 U	0.027 U	0.027 U	0.028 U	0.028 U	0.03 U
Vinyl chloride	0.2	0.0058 U	0.0055 U	0.0055 U	0.0056 U	0.0056 U	0.0061 U

Table 1
200 East 135th Street
Bronx, NY
Soil Analytical Results
Volatile Organic Compounds

Client ID LAB SAMPLE ID SAMPLING DATE UNITS Compounds	NY-TAGM RSCO mg/kg	AK-SB-4 (2'-3') L0615863-07 11/1/2006 mg/kg	AK-SB-4 (9'-10') L0615863-08 11/1/2006 mg/kg	AK-SB-5 (1'-2') L0615863-09 11/1/2006 mg/kg	AK-SB-5 (8'-9') L0615863-10 11/1/2006 mg/kg	TRIP BLANK L0615863-11 11/2/2006 mg/kg
1,1,1,2-Tetrachloroethane	NS	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
1,1,1-Trichloroethane	0.8	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
1,1,2,2-Tetrachloroethane	0.6	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
1,1,2-Trichloroethane	NS	0.0043 U	0.0043 U	0.0042 U	0.0042 U	0.75 U
1,1-Dichloroethane	0.2	0.0043 U	0.0043 U	0.0042 U	0.0042 U	0.75 U
1,1-Dichloroethene	0.4	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
1,1-Dichloropropene	NS	0.014 U	0.014 U	0.014 U	0.014 U	2.5 U
1,2,3-Trichlorobenzene	NS	0.014 U	0.014 U	0.014 U	0.014 U	2.5 U
1,2,3-Trichloropropane	0.4	0.028 U	0.028 U	0.028 U	0.028 U	5 U
1,2,4-Trichlorobenzene	3.4	0.014 U	0.014 U	0.014 U	0.014 U	2.5 U
1,2,4-Trimethylbenzene	NS	0.014 U	0.014 U	0.014 U	0.02	2.5 U
1,2-Dibromo-3-chloropropane	NS	0.014 U	0.014 U	0.014 U	0.014 U	2.5 U
1,2-Dibromoethane	NS	0.011 U	0.011 U	0.011 U	0.011 U	2 U
1,2-Dichlorobenzene	7.9	0.014 U	0.014 U	0.014 U	0.014 U	2.5 U
1,2-Dichloroethane	0.1	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
1,2-Dichloropropane	NS	0.0099 U	0.0099 U	0.0097 U	0.0097 U	1.8 U
1,3,5-Trimethylbenzene	NS	0.014 U	0.014 U	0.014 U	0.014 U	2.5 U
1,3-Dichlorobenzene	1.6	0.014 U	0.014 U	0.014 U	0.014 U	2.5 U
1,3-Dichloropropane	0.3	0.014 U	0.014 U	0.014 U	0.014 U	2.5 U
1,4-Dichlorobenzene	8.5	0.014 U	0.014 U	0.014 U	0.014 U	2.5 U
1,4-Dichlorobutane	NS	0.028 U	0.028 U	0.028 U	0.028 U	5 U
2,2-Dichloropropane	NS	0.014 U	0.014 U	0.014 U	0.014 U	2.5 U
2-Butanone	0.3	0.028 U	0.028 U	0.028 U	0.028 U	5 U
2-Hexanone	NS	0.028 U	0.028 U	0.028 U	0.028 U	5 U
4-Methyl-2-pentanone	1	0.028 U	0.028 U	0.028 U	0.028 U	5 U
Acetone	0.2	0.028 U	0.053	0.028 U	0.028 U	5 U
Acrolein	NS	0.071 U	0.071 U	0.069 U	0.069 U	12 U
Acrylonitrile	NS	0.011 U	0.011 U	0.011 U	0.011 U	5 U
Benzene	0.06	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
Bromobenzene	NS	0.014 U	0.014 U	0.014 U	0.014 U	2.5 U
Bromochloromethane	NS	0.014 U	0.014 U	0.014 U	0.014 U	2.5 U
Bromodichloromethane	NS	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
Bromoform	NS	0.011 U	0.011 U	0.011 U	0.011 U	2 U
Bromomethane	NS	0.0057 U	0.0057 U	0.0056 U	0.0056 U	1 U
Carbon disulfide	2.7	0.028 U	0.028 U	0.028 U	0.028 U	5 U
Carbon tetrachloride	0.6	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
Chlorobenzene	1.7	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
Chloroethane	1.9	0.0057 U	0.0057 U	0.0056 U	0.0056 U	1 U
Chloroform	0.3	0.0043 U	0.0043 U	0.0042 U	0.0042 U	0.75 U
Chloromethane	NS	0.014 U	0.014 U	0.014 U	0.014 U	2.5 U
cis-1,2-Dichloroethene	NS	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
cis-1,3-Dichloropropene	NS	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
Dibromochloromethane	NS	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
Dibromomethane	NS	0.028 U	0.028 U	0.028 U	0.028 U	5 U
Dichlorodifluoromethane	NS	0.028 U	0.028 U	0.028 U	0.028 U	5 U
Ethyl ether	NS	0.014 U	0.014 U	0.014 U	0.014 U	2.5 U
Ethyl methacrylate	NS	0.028 U	0.028 U	0.028 U	0.028 U	5 U
Ethylbenzene	5.5	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
Hexachlorobutadiene	NS	0.014 U	0.014 U	0.014 U	0.014 U	0.6 U
Iodomethane	NS	0.028 U	0.028 U	0.028 U	0.028 U	5 U
Isopropylbenzene	NS	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
Methyl tert butyl ether	NS	0.0057 U	0.0057 U	0.0056 U	0.0056 U	1 U
Methylene chloride	0.1	0.028 U	0.028 U	0.028 U	0.028 U	5 U
Naphthalene	13	0.014 U	0.017	0.014 U	0.49	2.5 U
n-Butylbenzene	NS	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
n-Propylbenzene	NS	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
o-Chlorotoluene	NS	0.014 U	0.014 U	0.014 U	0.014 U	2.5 U
o-Xylene	NS	0.0057 U	0.0057 U	0.0056 U	0.0056 U	1 U
p/m-Xylene	NS	0.0057 U	0.0057 U	0.0056 U	0.0056 U	1 U
p-Chlorotoluene	NS	0.014 U	0.014 U	0.014 U	0.014 U	2.5 U
p-Isopropyltoluene	NS	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
sec-Butylbenzene	NS	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
Styrene	NS	0.0057 U	0.0057 U	0.0056 U	0.0056 U	1 U
tert-Butylbenzene	NS	0.014 U	0.014 U	0.014 U	0.014 U	2.5 U
Tetrachloroethene	1.4	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
Tetrahydrofuran	NS	0.057 U	0.057 U	0.056 U	0.056 U	10 U
Toluene	1.5	0.0043 U	0.0043 U	0.0042 U	0.0042 U	0.75 U
trans-1,2-Dichloroethene	0.3	0.0043 U	0.0043 U	0.0042 U	0.0042 U	0.75 U
trans-1,3-Dichloropropene	NS	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
trans-1,4-Dichloro-2-butene	NS	0.014 U	0.014 U	0.014 U	0.014 U	2.5 U
Trichloroethene	0.7	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.5 U
Trichlorofluoromethane	NS	0.014 U	0.014 U	0.014 U	0.014 U	2.5 U
Vinyl acetate	NS	0.028 U	0.028 U	0.028 U	0.028 U	5 U
Vinyl chloride	0.2	0.0057 U	0.0057 U	0.0056 U	0.0056 U	1 U

Table 2
200 East 135th Street
Bronx, NY
Soil Analytical Results
Semi Volatile Organic Compounds

LOCATION LAB SAMPLE ID SAMPLING DATE UNITS Compounds	NY-TAGM RSCO mg/kg	AK-SB-1 (1'-2') L0615863-01 11/1/2006 mg/kg	AK-SB-1 (6'-7') L0615863-02 11/1/2006 mg/kg	AK-SB-2 (1'-2') L0615863-03 11/1/2006 mg/kg	AK-SB-2 (9'-10') L0615863-04 11/1/2006 mg/kg	AK-SB-3 (2'-3') L0615863-05 11/1/2006 mg/kg
1,2,4,5-Tetrachlorobenzene	NS	7.8 U	15 U	1.5 U	7.5 U	7.4 U
1,2,4-Trichlorobenzene	3.4	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
1,2-Dichlorobenzene	7.9	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
1,3-Dichlorobenzene	1.6	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
1,4-Dichlorobenzene	8.5	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
1-Chloronaphthalene	NS	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
1-Methylnaphthalene	NS	1.9 U	5.4	0.37 U	1.9 U	1.8 U
2,4,5-Trichlorophenol	0.1	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
2,4,6-Trichlorophenol	NS	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
2,4-Dichlorophenol	0.4	3.9 U	7.3 U	0.73 U	3.7 U	3.7 U
2,4-Dimethylphenol	NS	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
2,4-Dinitrophenol	0.2	7.8 U	15 U	1.5 U	7.5 U	7.4 U
2,4-Dinitrotoluene	NS	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
2,6-Dichlorophenol	NS	3.9 U	7.3 U	0.73 U	3.7 U	3.7 U
2,6-Dinitrotoluene	1	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
2-Chloronaphthalene	NS	2.3 U	4.4 U	0.44 U	2.2 U	2.2 U
2-Chlorophenol	0.8	2.3 U	4.4 U	0.44 U	2.2 U	2.2 U
2-Methylnaphthalene	36.4	1.9 U	4.4	0.37 U	1.9 U	1.8 U
2-Methylphenol	0.1	2.3 U	4.4 U	0.44 U	2.2 U	2.2 U
2-Nitroaniline	0.43	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
2-Nitrophenol	0.33	7.8 U	15 U	1.5 U	7.5 U	7.4 U
2-Picoline	NS	7.8 U	15 U	1.5 U	7.5 U	7.4 U
3,3'-Dichlorobenzidine	NS	3.9 U	7.3 U	0.73 U	3.7 U	3.7 U
3-Methylcholanthrene	NS	7.8 U	15 U	1.5 U	7.5 U	7.4 U
3-Methylphenol/4-Methylphenol	NS	2.3 U	4.4 U	0.44 U	2.2 U	2.2 U
3-Nitroaniline	0.5	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
4,6-Dinitro-o-cresol	NS	7.8 U	15 U	1.5 U	7.5 U	7.4 U
4-Aminobiphenyl	NS	3.9 U	7.3 U	0.73 U	3.7 U	3.7 U
4-Bromophenyl phenyl ether	NS	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
4-Chloroaniline	0.22	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
4-Chlorophenyl phenyl ether	NS	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
4-Nitroaniline	NS	2.7 U	5.1 U	0.51 U	2.6 U	2.6 U
4-Nitrophenol	0.1	3.9 U	7.3 U	0.73 U	3.7 U	3.7 U
7,12-Dimethylbenz(a)anthracene	NS	3.9 U	7.3 U	0.73 U	3.7 U	3.7 U
a,a-Dimethylphenethylamine	NS	19 U	37 U	3.7 U	19 U	18 U
Acenaphthene	50	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
Acenaphthylene	41	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
Acetophenone	NS	7.8 U	15 U	1.5 U	7.5 U	7.4 U
a-Naphthylamine	NS	7.8 U	15 U	1.5 U	7.5 U	7.4 U
Aniline	0.1	3.9 U	7.3 U	0.73 U	3.7 U	3.7 U
Anthracene	50	3.7	13	0.6	2.1	3.8
Azobenzene	NS	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
Benzidine	NS	19 U	37 U	3.7 U	19 U	18 U
Benzo(a)anthracene	0.224	9.5	19	2	7.6	10
Benzo(a)pyrene	0.061	9.4	13	1.8	6.9	9.6
Benzo(b)fluoranthene	1.1	7.8	10	1.6	6.9	8.9
Benzo(e)pyrene	NS	6.2	7.8	1.2	4.8	6.2
Benzo(ghi)perylene	50	6.4	6	1.1	4.5	6.3
Benzo(k)fluoranthene	1.1	8.3	12	1.6	5.7	7.4

Table 2
200 East 135th Street
Bronx, NY
Soil Analytical Results
Semi Volatile Organic Compounds

LOCATION LAB SAMPLE ID SAMPLING DATE UNITS Compounds	NY-TAGM RSCO mg/kg	AK-SB-1 (1'-2') L0615863-01 11/1/2006 mg/kg	AK-SB-1 (6'-7') L0615863-02 11/1/2006 mg/kg	AK-SB-2 (1'-2') L0615863-03 11/1/2006 mg/kg	AK-SB-2 (9'-10') L0615863-04 11/1/2006 mg/kg	AK-SB-3 (2'-3') L0615863-05 11/1/2006 mg/kg
Benzoic Acid	**2.7**	19 U	37 U	3.7 U	19 U	18 U
Benzyl Alcohol	**NS**	3.9 U	7.3 U	0.73 U	3.7 U	3.7 U
Biphenyl	**NS**	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
Bis(2-chloroethoxy)methane	**NS**	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
Bis(2-chloroethyl)ether	**NS**	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
Bis(2-chloroisopropyl)ether	**NS**	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
Bis(2-ethylhexyl)phthalate	**50**	3.9 U	7.3 U	0.73 U	3.7 U	3.7 U
b-Naphthylamine	**NS**	7.8 U	15 U	1.5 U	7.5 U	7.4 U
Butyl benzyl phthalate	**50**	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
Carbazole	**NS**	1.9 U	4.6	0.37 U	1.9 U	1.8 U
Chlorobenzilate	**NS**	7.8 U	15 U	1.5 U	7.5 U	7.4 U
Chrysene	**0.4**	9.2	19	2	8	9.9
Dibenzo(a,h)anthracene	**0.014**	1.9 U	3.7 U	0.44	1.9 U	1.8 U
Dibenzofuran	**6.2**	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
Diethyl phthalate	**7.1**	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
Dimethoate	**NS**	7.8 U	15 U	1.5 U	7.5 U	7.4 U
Dimethyl phthalate	**2**	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
Di-n-butylphthalate	**8.1**	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
Di-n-octylphthalate	**50**	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
Ethyl Methanesulfonate	**NS**	5.8 U	11 U	1.1 U	5.6 U	5.6 U
Fluoranthene	**50**	21	45	4.4	19	24
Fluorene	**50**	1.9 U	6.2	0.37 U	1.9 U	1.8 U
Hexachlorobenzene	**0.41**	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
Hexachlorobutadiene	**NS**	3.9 U	7.3 U	0.73 U	3.7 U	3.7 U
Hexachlorocyclopentadiene	**NS**	3.9 U	7.3 U	0.73 U	3.7 U	3.7 U
Hexachloroethane	**NS**	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
Hexachloropropene	**NS**	3.9 U	7.3 U	0.73 U	3.7 U	3.7 U
Indeno(1,2,3-cd)pyrene	**3.2**	6.9	7.2	1.3	5.2	6.8
Isodrin	**NS**	3.9 U	7.3 U	0.73 U	3.7 U	3.7 U
Isophorone	**4.4**	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
Methyl methanesulfonate	**NS**	7.8 U	15 U	1.5 U	7.5 U	7.4 U
Naphthalene	**13**	1.9 U	5.9	0.37 U	1.9 U	1.8 U
NDPA/DPA	**NS**	5.8 U	11 U	1.1 U	5.6 U	5.6 U
Nitrobenzene	**0.2**	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
Nitrosodi-n-butylamine	**NS**	3.9 U	7.3 U	0.73 U	3.7 U	3.7 U
Nitrosodipiperidine	**NS**	7.8 U	15 U	1.5 U	7.5 U	7.4 U
n-Nitrosodimethylamine	**NS**	19 U	37 U	3.7 U	19 U	18 U
n-Nitrosodi-n-propylamine	**NS**	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
p-Chloro-m-cresol	**NS**	1.9 U	3.7 U	0.37 U	1.9 U	1.8 U
p-Dimethylaminoazobenzene	**NS**	3.9 U	7.3 U	0.73 U	3.7 U	3.7 U
Pentachlorobenzene	**NS**	7.8 U	15 U	1.5 U	7.5 U	7.4 U
Pentachloronitrobenzene	**NS**	3.9 U	7.3 U	0.73 U	3.7 U	3.7 U
Pentachlorophenol	**1**	7.8 U	15 U	1.5 U	7.5 U	7.4 U
Perylene	**NS**	2.5	3.7 U	0.48	1.9 U	2.5
Phenacetin	**NS**	3.9 U	7.3 U	0.73 U	3.7 U	3.7 U
Phenanthrene	**50**	13	59	2.5	9.8	14
Phenol	**0.03**	2.7 U	5.1 U	0.68	2.6 U	2.6 U
Pronamide	**NS**	7.8 U	15 U	1.5 U	7.5 U	7.4 U
Pyrene	**50**	18	39	3.7	16	20
Pyridine	**NS**	19 U	37 U	3.7 U	19 U	18 U

Table 2
200 East 135th Street
Bronx, NY
Soil Analytical Results
Semi Volatile Organic Compounds

LOCATION LAB SAMPLE ID SAMPLING DATE UNITS Compounds	NY-TAGM RSCO mg/kg	AK-SB-3 (9'-10') L0615863-06 11/1/2006 mg/kg	AK-SB-4 (2'-3') L0615863-07 11/1/2006 mg/kg	AK-SB-4 (9'-10') L0615863-08 11/1/2006 mg/kg	AK-SB-5 (1'-2') L0615863-09 11/1/2006 mg/kg	AK-SB-5 (8'-9') L0615863-10 11/1/2006 mg/kg
1,2,4,5-Tetrachlorobenzene	NS	1.6 U	3 U	1.5 U	1.5 U	2.7 U
1,2,4-Trichlorobenzene	3.4	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
1,2-Dichlorobenzene	7.9	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
1,3-Dichlorobenzene	1.6	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
1,4-Dichlorobenzene	8.5	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
1-Chloronaphthalene	NS	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
1-Methylnaphthalene	NS	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
2,4,5-Trichlorophenol	0.1	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
2,4,6-Trichlorophenol	NS	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
2,4-Dichlorophenol	0.4	0.81 U	1.5 U	0.76 U	0.74 U	1.3 U
2,4-Dimethylphenol	NS	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
2,4-Dinitrophenol	0.2	1.6 U	3 U	1.5 U	1.5 U	2.7 U
2,4-Dinitrotoluene	NS	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
2,6-Dichlorophenol	NS	0.81 U	1.5 U	0.76 U	0.74 U	1.3 U
2,6-Dinitrotoluene	1	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
2-Chloronaphthalene	NS	0.49 U	0.91 U	0.45 U	0.44 U	0.8 U
2-Chlorophenol	0.8	0.49 U	0.91 U	0.45 U	0.44 U	0.8 U
2-Methylnaphthalene	36.4	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
2-Methylphenol	0.1	0.49 U	0.91 U	0.45 U	0.44 U	0.8 U
2-Nitroaniline	0.43	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
2-Nitrophenol	0.33	1.6 U	3 U	1.5 U	1.5 U	2.7 U
2-Picoline	NS	1.6 U	3 U	1.5 U	1.5 U	2.7 U
3,3'-Dichlorobenzidine	NS	0.81 U	1.5 U	0.76 U	0.74 U	1.3 U
3-Methylcholanthrene	NS	1.6 U	3 U	1.5 U	1.5 U	2.7 U
3-Methylphenol/4-Methylphenol	NS	0.49 U	0.91 U	0.45 U	0.44 U	0.8 U
3-Nitroaniline	0.5	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
4,6-Dinitro-o-cresol	NS	1.6 U	3 U	1.5 U	1.5 U	2.7 U
4-Aminobiphenyl	NS	0.81 U	1.5 U	0.76 U	0.74 U	1.3 U
4-Bromophenyl phenyl ether	NS	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
4-Chloroaniline	0.22	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
4-Chlorophenyl phenyl ether	NS	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
4-Nitroaniline	NS	0.57 U	1.1 U	0.53 U	0.52 U	0.93 U
4-Nitrophenol	0.1	0.81 U	1.5 U	0.76 U	0.74 U	1.3 U
7,12-Dimethylbenz(a)anthracene	NS	0.81 U	1.5 U	0.76 U	0.74 U	1.3 U
a,a-Dimethylphenethylamine	NS	4.1 U	7.6 U	3.8 U	3.7 U	6.7 U
Acenaphthene	50	0.41 U	0.76 U	0.38 U	0.37 U	0.8
Acenaphthylene	41	0.54	0.79	0.38 U	0.37 U	0.67 U
Acetophenone	NS	1.6 U	3 U	1.5 U	1.5 U	2.7 U
a-Naphthylamine	NS	1.6 U	3 U	1.5 U	1.5 U	2.7 U
Aniline	0.1	0.81 U	1.5 U	0.76 U	0.74 U	1.3 U
Anthracene	50	1	1.8	0.38 U	0.37 U	2.2
Azobenzene	NS	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
Benzidine	NS	4.1 U	7.6 U	3.8 U	3.7 U	6.7 U
Benzo(a)anthracene	0.224	3.4	5.6	1.2	0.92	6.9
Benzo(a)pyrene	0.061	3.4	5.9	1.1	0.92	7.1
Benzo(b)fluoranthene	1.1	2.7	5.6	0.98	0.85	7
Benzo(e)pyrene	NS	2	4	0.75	0.64	4.6
Benzo(ghi)perylene	50	2	4.3	0.76	0.63	5
Benzo(k)fluoranthene	1.1	2.6	4.4	0.87	0.72	5.2

Table 2
200 East 135th Street
Bronx, NY
Soil Analytical Results
Semi Volatile Organic Compounds

LOCATION LAB SAMPLE ID SAMPLING DATE UNITS Compounds	NY-TAGM RSCO mg/kg	AK-SB-3 (9'-10') L0615863-06 11/1/2006 mg/kg	AK-SB-4 (2'-3') L0615863-07 11/1/2006 mg/kg	AK-SB-4 (9'-10') L0615863-08 11/1/2006 mg/kg	AK-SB-5 (1'-2') L0615863-09 11/1/2006 mg/kg	AK-SB-5 (8'-9') L0615863-10 11/1/2006 mg/kg
Benzoic Acid	**2.7**	4.1 U	7.6 U	3.8 U	3.7 U	6.7 U
Benzyl Alcohol	**NS**	0.81 U	1.5 U	0.76 U	0.74 U	1.3 U
Biphenyl	**NS**	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
Bis(2-chloroethoxy)methane	**NS**	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
Bis(2-chloroethyl)ether	**NS**	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
Bis(2-chloroisopropyl)ether	**NS**	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
Bis(2-ethylhexyl)phthalate	**50**	0.81 U	1.5 U	0.76 U	0.74 U	1.3 U
b-Naphthylamine	**NS**	1.6 U	3 U	1.5 U	1.5 U	2.7 U
Butyl benzyl phthalate	**50**	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
Carbazole	**NS**	0.41 U	0.76 U	0.38 U	0.37 U	0.8
Chlorobenzilate	**NS**	1.6 U	3 U	1.5 U	1.5 U	2.7 U
Chrysene	**0.4**	3.1	5.5	1.2	0.88	6.9
Dibenzo(a,h)anthracene	**0.014**	0.5	1.2	0.38 U	0.37 U	1.3
Dibenzofuran	**6.2**	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
Diethyl phthalate	**7.1**	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
Dimethoate	**NS**	1.6 U	3 U	1.5 U	1.5 U	2.7 U
Dimethyl phthalate	**2**	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
Di-n-butylphthalate	**8.1**	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
Di-n-octylphthalate	**50**	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
Ethyl Methanesulfonate	**NS**	1.2 U	2.3 U	1.1 U	1.1 U	2 U
Fluoranthene	**50**	6.2	12	2.6	1.9	16
Fluorene	**50**	0.41 U	0.76 U	0.38 U	0.37 U	0.77
Hexachlorobenzene	**0.41**	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
Hexachlorobutadiene	**NS**	0.81 U	1.5 U	0.76 U	0.74 U	1.3 U
Hexachlorocyclopentadiene	**NS**	0.81 U	1.5 U	0.76 U	0.74 U	1.3 U
Hexachloroethane	**NS**	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
Hexachloropropene	**NS**	0.81 U	1.5 U	0.76 U	0.74 U	1.3 U
Indeno(1,2,3-cd)pyrene	**3.2**	2.2	4.6	0.81	0.7	5.2
Isodrin	**NS**	0.81 U	1.5 U	0.76 U	0.74 U	1.3 U
Isophorone	**4.4**	0.41 U	0.76 U	0.38 U	1.4	0.67 U
Methyl methanesulfonate	**NS**	1.6 U	3 U	1.5 U	1.5 U	2.7 U
Naphthalene	**13**	0.41 U	0.76 U	0.38 U	0.37 U	0.7
NDPA/DPA	**NS**	1.2 U	2.3 U	1.1 U	1.1 U	2 U
Nitrobenzene	**0.2**	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
Nitrosodi-n-butylamine	**NS**	0.81 U	1.5 U	0.76 U	0.74 U	1.3 U
Nitrosodipiperidine	**NS**	1.6 U	3 U	1.5 U	1.5 U	2.7 U
n-Nitrosodimethylamine	**NS**	4.1 U	7.6 U	3.8 U	3.7 U	6.7 U
n-Nitrosodi-n-propylamine	**NS**	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
p-Chloro-m-cresol	**NS**	0.41 U	0.76 U	0.38 U	0.37 U	0.67 U
p-Dimethylaminoazobenzene	**NS**	0.81 U	1.5 U	0.76 U	0.74 U	1.3 U
Pentachlorobenzene	**NS**	1.6 U	3 U	1.5 U	1.5 U	2.7 U
Pentachloronitrobenzene	**NS**	0.81 U	1.5 U	0.76 U	0.74 U	1.3 U
Pentachlorophenol	**1**	1.6 U	3 U	1.5 U	1.5 U	2.7 U
Perylene	**NS**	0.86	1.5	0.38 U	0.37 U	1.8
Phenacetin	**NS**	0.81 U	1.5 U	0.76 U	0.74 U	1.3 U
Phenanthrene	**50**	2.7	5.7	1.2	1.2	7.8
Phenol	**0.03**	0.57 U	1.1 U	0.53 U	0.52 U	0.93 U
Pronamide	**NS**	1.6 U	3 U	1.5 U	1.5 U	2.7 U
Pyrene	**50**	5.4	11	2.4	1.6	13
Pyridine	**NS**	4.1 U	7.6 U	3.8 U	3.7 U	6.7 U

Table 3
200 East 135th Street
Bronx, NY
Soil Analytical Results
Polycyclic Aromatic Hydrocarbons

LOCATION LAB SAMPLE ID SAMPLING DATE UNITS Compounds	NY-TAGM RSCO mg/kg	AK-SB-1 (1'-2') L0615863-01 11/1/2006 mg/kg	AK-SB-1 (6'-7') L0615863-02 11/1/2006 mg/kg	AK-SB-2 (1'-2') L0615863-03 11/1/2006 mg/kg	AK-SB-2 (9'-10') L0615863-04 11/1/2006 mg/kg	AK-SB-3 (2'-3') L0615863-05 11/1/2006 mg/kg
1-Methylnaphthalene	NS	0.39 U	4.1	0.073 U	0.3 U	0.3 U
1-Methylphenanthrene	NS	1.4	8	0.34	1.3	1.8
2,6-Dimethylnaphthalene	NS	0.39 U	2.2	0.073 U	0.3 U	0.3 U
2-Chloronaphthalene	NS	0.39 U	0.59 U	0.073 U	0.3 U	0.3 U
2-Methylnaphthalene	36.4	0.39 U	4.7	0.076	0.3 U	0.38
Acenaphthene	50	2	4.2	0.28	0.49	1.3
Acenaphthylene	41	0.76	0.73	0.14	0.3 U	1.7
Anthracene	50	4.8	16	0.87	2.6	5.3
Benzo(a)anthracene	0.224	15	28	3.5	11	15
Benzo(a)pyrene	0.061	9.3	12	3.2	6.4	16
Benzo(b)fluoranthene	1.1	12	16	2.3	9.5	16
Benzo(e)Pyrene	NS	9.4	11	1.3	6.3	8.7
Benzo(ghi)perylene	50	7.2	6.9	0.89	5.2	7.8
Benzo(k)fluoranthene	1.1	11	15	2.2	8.3	12
Biphenyl	NS	0.39 U	0.9	0.073 U	0.3 U	0.3 U
Chrysene	0.4	12	24	2.4	9.7	11
Dibenzo(a,h)anthracene	0.014	1.7	2.3	0.29	1.2	1.9
Fluoranthene	50	27	46	4.9	20	36
Fluorene	50	2.1	7.9	0.24	0.61	1.4
Hexachlorobenzene	0.41	1.6 U	2.3 U	0.29 U	1.2 U	1.2 U
Hexachlorobutadiene	NS	0.97 U	1.5 U	0.18 U	0.75 U	0.74 U
Hexachloroethane	NS	1.6 U	2.3 U	0.29 U	1.2 U	1.2 U
Indeno(1,2,3-cd)Pyrene	3.2	6.2	6.4	1	4.4	6.8
Naphthalene	13	0.67	5.8	0.11	0.44	0.85
Pentachlorophenol	1	1.6 U	2.3 U	0.29 U	1.2 U	1.2 U
Perylene	NS	2.6	2.9	0.51	1.9	2.6
Phenanthrene	50	15	50	2.9	10	13
Pyrene	50	22	40	5	17	31

Table 3
200 East 135th Street
Bronx, NY
Soil Analytical Results
Polycyclic Aromatic Hydrocarbons

LOCATION LAB SAMPLE ID SAMPLING DATE UNITS Compounds	NY-TAGM RSCO mg/kg	AK-SB-3 (9'-10') L0615863-06 11/1/2006 mg/kg	AK-SB-4 (2'-3') L0615863-07 11/1/2006 mg/kg	AK-SB-4 (9'-10') L0615863-08 11/1/2006 mg/kg	AK-SB-5 (1'-2') L0615863-09 11/1/2006 mg/kg	AK-SB-5 (8'-9') L0615863-10 11/1/2006 mg/kg
1-Methylnaphthalene	NS	0.032 U	0.3 U	0.076 U	0.074 U	0.3
1-Methylphenanthrene	NS	0.42	0.72	0.23	0.16	0.8
2,6-Dimethylnaphthalene	NS	0.032 U	0.3 U	0.076 U	0.074 U	0.15
2-Chloronaphthalene	NS	0.032 U	0.3 U	0.076 U	0.074 U	0.13 U
2-Methylnaphthalene	36.4	0.038	0.3 U	0.076 U	0.074 U	0.48
Acenaphthene	50	0.067	0.73	0.082	0.14	0.95
Acenaphthylene	41	0.46	0.66	0.12	0.16	0.48
Anthracene	50	1.3	2.1	0.39	0.49	3.1
Benzo(a)anthracene	0.224	4.2	8.6	1.6	1.4	10
Benzo(a)pyrene	0.061	5.3	5.9	1.8	1.7	10
Benzo(b)fluoranthene	1.1	4.2	7.9	1.5	1.4	9.8
Benzo(e)Pyrene	NS	2	5.9	0.96	0.72	5.9
Benzo(ghi)perylene	50	1.4	5.5	0.84	0.51	5.3
Benzo(k)fluoranthene	1.1	2.4	7.5	1.5	0.98	8.3
Biphenyl	NS	0.032 U	0.3 U	0.076 U	0.074 U	0.13 U
Chrysene	0.4	3.7	7.4	1.4	1	7.9
Dibenzo(a,h)anthracene	0.014	0.49	1.3	0.13	0.17	1.2
Fluoranthene	50	6	14	4.4	2.3	22
Fluorene	50	0.17	0.69	0.085	0.14	0.85
Hexachlorobenzene	0.41	0.13 U	1.2 U	0.3 U	0.3 U	0.53 U
Hexachlorobutadiene	NS	0.081 U	0.76 U	0.19 U	0.18 U	0.33 U
Hexachloroethane	NS	0.13 U	1.2 U	0.3 U	0.3 U	0.53 U
Indeno(1,2,3-cd)Pyrene	3.2	1.6	4.7	0.64	0.6	4.4
Naphthalene	13	0.15	0.3 U	0.076 U	0.074 U	0.82
Pentachlorophenol	1	0.13 U	1.2 U	0.3 U	0.3 U	0.53 U
Perylene	NS	0.77	1.8	0.38	0.29	1.9
Phenanthrene	50	2.7	6.4	1.4	1.4	7.7
Pyrene	50	5.7	12	4.1	2.1	20

Table 4
200 East 135th Street
Bronx, NY
Soil Analytical Results
Polychlorinated Biphenyls and Pesticides

Polychlorinated Biphenyls

LOCATION LAB SAMPLE ID SAMPLING DATE UNITS Compounds	NY-TAGM RSCO mg/kg	AK-SB-1 (1'-2') L0615863-01 11/1/2006 mg/kg	AK-SB-1 (6'-7') L0615863-02 11/1/2006 mg/kg	AK-SB-2 (1'-2') L0615863-03 11/1/2006 mg/kg	AK-SB-2 (9'-10') L0615863-04 11/1/2006 mg/kg	AK-SB-3 (2'-3') L0615863-05 11/1/2006 mg/kg
Total PCBs	**10**[1]	0.159	0.0366 U	0.0366 U	0.125	0.814

Pesticides

LOCATION LAB SAMPLE ID SAMPLING DATE UNITS Compounds	NY-TAGM RSCO mg/kg	AK-SB-1 (1'-2') L0615863-01 11/1/2006 mg/kg	AK-SB-1 (6'-7') L0615863-02 11/1/2006 mg/kg	AK-SB-2 (1'-2') L0615863-03 11/1/2006 mg/kg	AK-SB-2 (9'-10') L0615863-04 11/1/2006 mg/kg	AK-SB-3 (2'-3') L0615863-05 11/1/2006 mg/kg
4,4'-DDD	**2.9**	0.231	0.0183 U	0.0366 U	0.0242	0.148 U
4,4'-DDE	**2.1**	0.0775 U	0.0183 U	0.0366 U	0.0198	0.148 U
4,4'-DDT	**2.1**	0.0775 U	0.0183 U	0.0366 U	0.213	0.171
Aldrin	**0.041**	0.0775 U	0.0183 U	0.0366 U	0.0187 U	0.148 U
Alpha-BHC	**0.11**	0.0775 U	0.0183 U	0.0366 U	0.0187 U	0.148 U
Beta-BHC	**0.2**	0.0775 U	0.0183 U	0.0366 U	0.0187 U	0.148 U
Chlordane	**0.54**	0.31 U	0.0733 U	0.146 U	0.0749 U	0.592 U
cis-Chlordane	**NS**	0.0775 U	0.0183 U	0.0366 U	0.0187 U	0.148 U
Delta-BHC	**0.3**	0.0775 U	0.0183 U	0.0366 U	0.0187 U	0.148 U
Dieldrin	**0.044**	0.0775 U	0.0183 U	0.0366 U	0.0187 U	0.148 U
Endosulfan I	**0.9**	0.0775 U	0.0183 U	0.0366 U	0.0187 U	0.148 U
Endosulfan II	**0.9**	0.0775 U	0.0183 U	0.0366 U	0.0187 U	0.148 U
Endosulfan sulfate	**NS**	0.0775 U	0.0183 U	0.0366 U	0.0187 U	0.148 U
Endrin	**0.1**	0.0775 U	0.0183 U	0.0366 U	0.0187 U	0.148 U
Endrin aldehyde	**NS**	0.0775 U	0.0183 U	0.0366 U	0.0187 U	0.148 U
Endrin ketone	**NS**	0.0775 U	0.0183 U	0.0366 U	0.0187 U	0.148 U
Heptachlor	**0.1**	0.0775 U	0.0183 U	0.0366 U	0.0187 U	0.148 U
Heptachlor epoxide	**0.02**	0.0775 U	0.0183 U	0.0366 U	0.0187 U	0.148 U
Lindane	**0.06**	0.0775 U	0.0183 U	0.0366 U	0.0187 U	0.148 U
Methoxychlor	**NS**	0.31 U	0.0733 U	0.146 U	0.0749 U	0.592 U
Toxaphene	**NS**	0.31 U	0.0733 U	0.146 U	0.0749 U	0.592 U
trans-Chlordane	**NS**	0.0775 U	0.0183 U	0.0366 U	0.0187 U	0.148 U

Table 4
200 East 135th Street
Bronx, NY
Soil Analytical Results
Polychlorinated Biphenyls and Pesticides

Polychlorinated Biphenyls

LOCATION LAB SAMPLE ID SAMPLING DATE UNITS Compounds	NY-TAGM RSCO mg/kg	AK-SB-3 (9'-10') L0615863-06 11/1/2006 mg/kg	AK-SB-4 (2'-3') L0615863-07 11/1/2006 mg/kg	AK-SB-4 (9'-10') L0615863-08 11/1/2006 mg/kg	AK-SB-5 (1'-2') L0615863-09 11/1/2006 mg/kg	AK-SB-5 (8'-9') L0615863-10 11/1/2006 mg/kg
Total PCBs	**10**[1]	0.0406 U	0.176	0.0379 U	0.037 U	0.118

Pesticides

LOCATION LAB SAMPLE ID SAMPLING DATE UNITS Compounds	NY-TAGM RSCO mg/kg	AK-SB-3 (9'-10') L0615863-06 11/1/2006 mg/kg	AK-SB-4 (2'-3') L0615863-07 11/1/2006 mg/kg	AK-SB-4 (9'-10') L0615863-08 11/1/2006 mg/kg	AK-SB-5 (1'-2') L0615863-09 11/1/2006 mg/kg	AK-SB-5 (8'-9') L0615863-10 11/1/2006 mg/kg
4,4'-DDD	**2.9**	0.0203 U	0.152 U	0.0189 U	0.037 U	0.148 U
4,4'-DDE	**2.1**	0.0203 U	0.152 U	0.0189 U	0.037 U	0.148 U
4,4'-DDT	**2.1**	0.0203 U	0.152 U	0.0189 U	0.037 U	0.148 U
Aldrin	**0.041**	0.0203 U	0.152 U	0.0189 U	0.037 U	0.148 U
Alpha-BHC	**0.11**	0.0203 U	0.152 U	0.0189 U	0.037 U	0.148 U
Beta-BHC	**0.2**	0.0203 U	0.152 U	0.0189 U	0.037 U	0.148 U
Chlordane	**0.54**	0.0813 U	0.606 U	0.0758 U	0.148 U	0.592 U
cis-Chlordane	**NS**	0.0203 U	0.152 U	0.0189 U	0.037 U	0.148 U
Delta-BHC	**0.3**	0.0203 U	0.152 U	0.0189 U	0.037 U	0.148 U
Dieldrin	**0.044**	0.0203 U	0.152 U	0.0189 U	0.037 U	0.148 U
Endosulfan I	**0.9**	0.0203 U	0.152 U	0.0189 U	0.037 U	0.148 U
Endosulfan II	**0.9**	0.0203 U	0.152 U	0.0189 U	0.037 U	0.148 U
Endosulfan sulfate	**NS**	0.0203 U	0.152 U	0.0189 U	0.037 U	0.148 U
Endrin	**0.1**	0.0203 U	0.152 U	0.0189 U	0.037 U	0.148 U
Endrin aldehyde	**NS**	0.0203 U	0.152 U	0.0189 U	0.037 U	0.148 U
Endrin ketone	**NS**	0.0203 U	0.152 U	0.0189 U	0.037 U	0.148 U
Heptachlor	**0.1**	0.0203 U	0.152 U	0.0189 U	0.037 U	0.148 U
Heptachlor epoxide	**0.02**	0.0203 U	0.152 U	0.0189 U	0.037 U	0.148 U
Lindane	**0.06**	0.0203 U	0.152 U	0.0189 U	0.037 U	0.148 U
Methoxychlor	**NS**	0.0813 U	0.606 U	0.0758 U	0.148 U	0.592 U
Toxaphene	**NS**	0.0813 U	0.606 U	0.0758 U	0.148 U	0.592 U
trans-Chlordane	**NS**	0.0203 U	0.152 U	0.0189 U	0.037 U	0.148 U

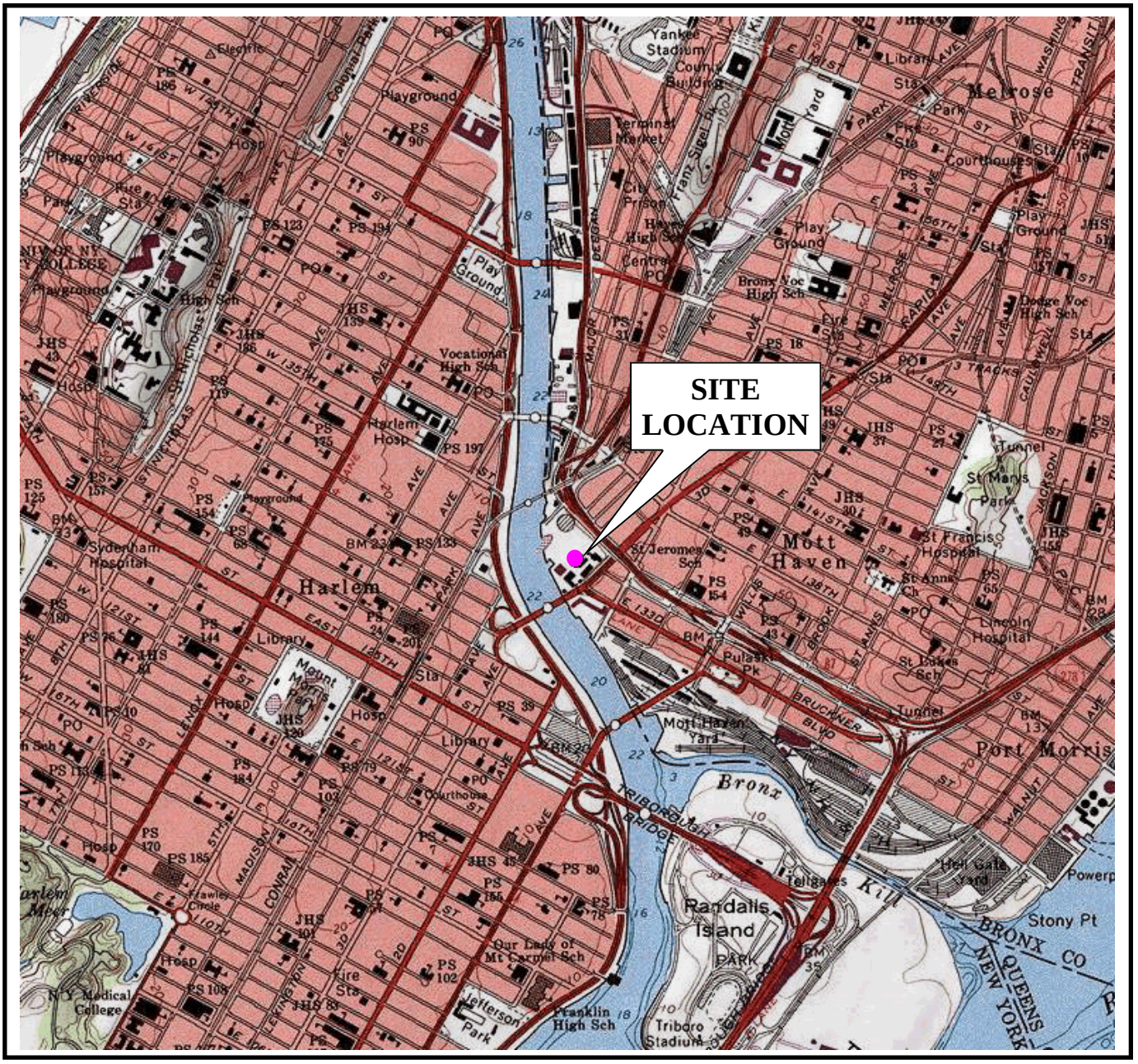
Table 5
200 East 135th Street
Bronx, NY
Soil Analytical Results
Metals

LOCATION LAB SAMPLE ID SAMPLING DATE UNITS Compounds	NY-TAGM RSCO mg/kg	Eastern US Background Levels* mg/kg	AK-SB-1 (1'-2') L0615863-01 11/1/2006 mg/kg	AK-SB-1 (6'-7') L0615863-02 11/1/2006 mg/kg	AK-SB-2 (1'-2') L0615863-03 11/1/2006 mg/kg	AK-SB-2 (9'-10') L0615863-04 11/1/2006 mg/kg	AK-SB-3 (2'-3') L0615863-05 11/1/2006 mg/kg
Aluminum, Total	**NS**	**33,000**	4800	4500	3800	5400	4800
Antimony, Total	**NS**	**NA**	3.8	2.2 U	2.2 U	2.7	2.2 U
Arsenic, Total	**7.5**	**3 - 12**	4.6	1.4	4.1	5.2	4.7
Barium, Total	**300**	**15 - 600**	58	73	41	330	96
Beryllium, Total	**0.16**	**0 - 1.75**	0.23 U	0.22 U	0.22 U	2.2 U	0.22 U
Cadmium, Total	**1**	**0.1 - 1**	0.98	0.44 U	0.43 U	0.85	0.71
Calcium, Total	**NS**	**130 - 35,000**	39000	49000	20000	49000	41000
Chromium, Total	**10**	**1.5 - 40**	13	9.3	7.7	25	13
Cobalt, Total	**30**	**2.5 - 60**	5.8	4.9	4.1	5.2	4.9
Copper, Total	**25**	**1 - 50**	160	17	91	140	81
Iron, Total	**2000**	**2,000 - 550,000**	20000	8700	11000	10000	14000
Lead, Total	**NS**	**200 - 500**	320	61	74	320	220
Magnesium, Total	**NS**	**100 - 5,000**	10000	26000	5700	8600	16000
Manganese, Total	**NS**	**50 - 5,000**	180	180	210	150	190
Mercury, Total	**0.1**	**0.001 - 0.2**	0.45	0.082 U	0.3	0.088 U	0.43
Nickel, Total	**13**	**0.5 - 25**	15	7.8	10	14	12
Potassium, Total	**NS**	**8,500 - 43,000**	1100	1700	770	1600	1200
Selenium, Total	**2**	**0.1 - 3.9**	0.92 U	0.87 U	0.86 U	0.89 U	0.87 U
Silver, Total	**NS**	**NA**	0.46 U	0.44 U	0.43 U	0.45 U	0.44 U
Sodium, Total	**NS**	**6,000 - 8,000**	230	87 U	86 U	240	150
Thallium, Total	**NS**	**NA**	0.46 U	0.44 U	0.43 U	0.45 U	0.44 U
Vanadium, Total	**150**	**1 - 300**	30	15	12	25	27
Zinc, Total	**20**	**9 - 50**	360	52	110	690	320

Table 5
200 East 135th Street
Bronx, NY
Soil Analytical Results
Metals

LOCATION LAB SAMPLE ID SAMPLING DATE UNITS Compounds	NY-TAGM RSCO mg/kg	Eastern US Background Levels* mg/kg	AK-SB-3 (9'-10') L0615863-06 11/1/2006 mg/kg	AK-SB-4 (2'-3') L0615863-07 11/1/2006 mg/kg	AK-SB-4 (9'-10') L0615863-08 11/1/2006 mg/kg	AK-SB-5 (1'-2') L0615863-09 11/1/2006 mg/kg	AK-SB-5 (8'-9') L0615863-10 11/1/2006 mg/kg
Aluminum, Total	**NS**	**33,000**	3500	4800	6200	7200	5700
Antimony, Total	**NS**	**NA**	2.4 U	2.3 U	2.6	2.2 U	2.2 U
Arsenic, Total	**7.5**	**3 - 12**	11	4.3	5.2	3.7	3.4
Barium, Total	**300**	**15 - 600**	32	68	58	110	110
Beryllium, Total	**0.16**	**0 - 1.75**	0.67	0.23 U	0.22 U	2.2 U	0.22 U
Cadmium, Total	**1**	**0.1 - 1**	1.3	0.68	0.45 U	0.54	0.6
Calcium, Total	**NS**	**130 - 35,000**	6200	31000	8900	40000	32000
Chromium, Total	**10**	**1.5 - 40**	10	16	11	180	16
Cobalt, Total	**30**	**2.5 - 60**	20	4.8	5.7	6.4	4.6
Copper, Total	**25**	**1 - 50**	54	97	160	70	97
Iron, Total	**2000**	**2,000 - 550,000**	74000	12000	12000	16000	13000
Lead, Total	**NS**	**200 - 500**	86	320	200	170	190
Magnesium, Total	**NS**	**100 - 5,000**	450	5700	2100	14000	13000
Manganese, Total	**NS**	**50 - 5,000**	1300	180	310	210	140
Mercury, Total	**0.1**	**0.001 - 0.2**	0.2	0.5	2	0.24	0.24
Nickel, Total	**13**	**0.5 - 25**	26	12	20	20	10
Potassium, Total	**NS**	**8,500 - 43,000**	150	1200	540	2300	2200
Selenium, Total	**2**	**0.1 - 3.9**	0.97 U	0.91 U	0.9 U	0.88 U	0.89 U
Silver, Total	**NS**	**NA**	0.48 U	0.45 U	0.83	0.44 U	0.44 U
Sodium, Total	**NS**	**6,000 - 8,000**	170	120	90 U	250	180
Thallium, Total	**NS**	**NA**	0.48 U	0.45 U	0.45 U	0.44 U	0.44 U
Vanadium, Total	**150**	**1 - 300**	37	31	16	35	25
Zinc, Total	**20**	**9 - 50**	1600	330	180	150	220

FIGURES





SCALE IN FEET

0’ 1000’ 2000’ 4000’

SCALE: 1”=2000’

N

SOURCE:

7.5 MINUTE SERIES USGS TOPOGRAPHIC MAP
QUADRANGLE: CENTRAL PARK, NY 1995

EAST 135th STREET
BRONX, NEW YORK

PROJECT SITE LOCATION

AKRF

Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

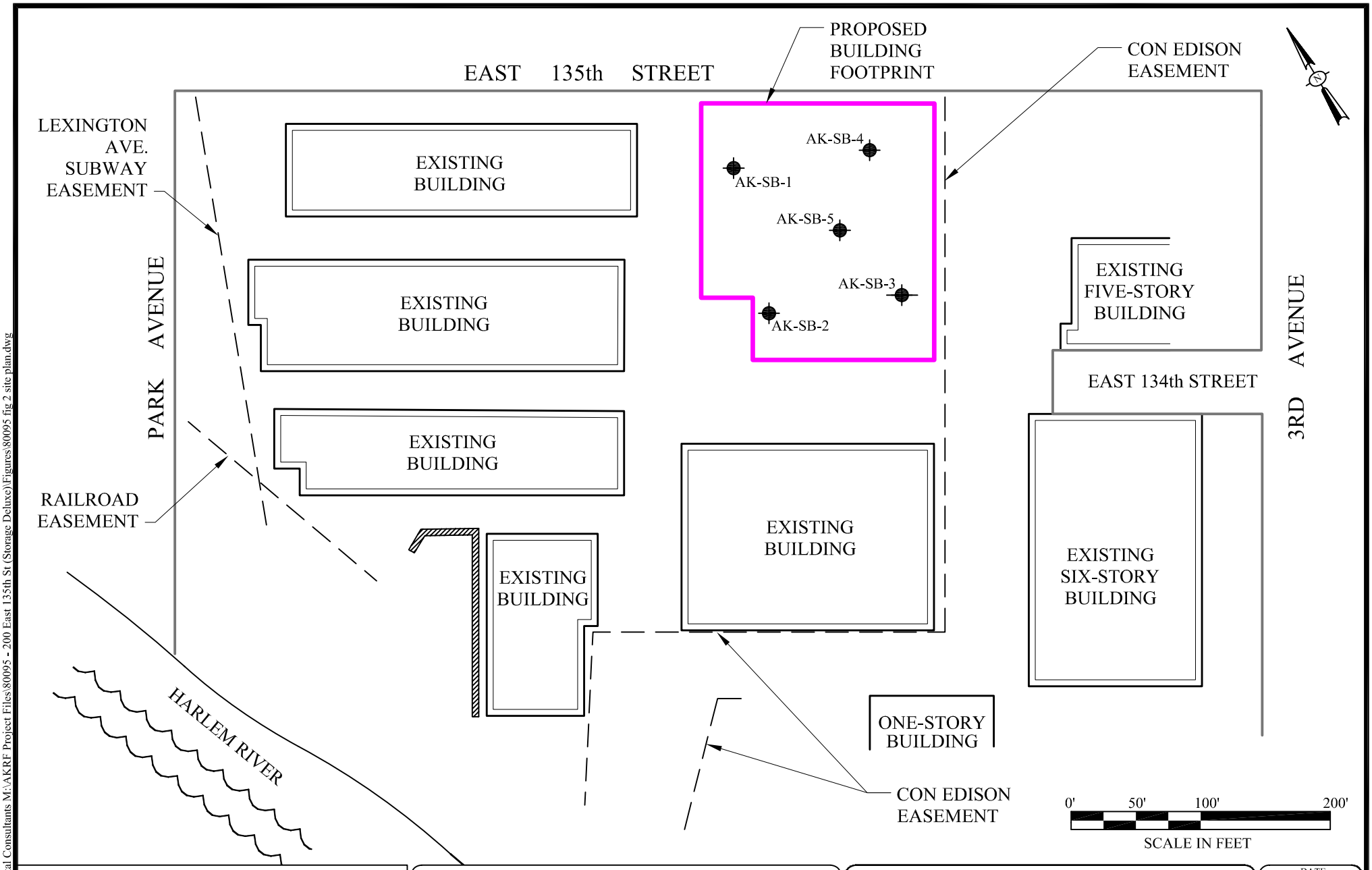
DATE **11.10.06**

PROJECT No. **80095**

SCALE **AS SHOWN**

FIGURE No. **1**

© 2006 AKRF, Inc. Environmental Consultants M:\AKRF Project Files\80095 - 200 East 135th St (Storage Deluxe)\Figures\80095 Fig 1 loc map.pub



LEGEND:

PROJECT SITE BOUNDARY

EASEMENT LINE

AK-SB-3 SOIL BORNING LOCATION

200 EAST 135th STREET

NEW YORK, NEW YORK

SITE PLAN

AKRF
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE 11.13.06

PROJECT No. 80095

SCALE 1"=100'

FIGURE 2

© 2006 AKRF, Inc. Environmental Consultants M:\AKRF Project Files\80095 - 200 East 135th St (Storage Deluxe)\Figures\80095 fig 2 site plan.dwg

APPENDIX A
SOIL BORING LOGS

AKRF, Inc.

Storage Deluxe - 200 East 135th Street, Bronx, NY.

Boring No. AK-SB-1

Sheet 1 of 1

Environmental Consultants

440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method: Direct Push
Sampling Method: 5-foot long Macro Core
Driller : Zebra
Weather: 75F, Clear
Sampler: AKRF/Steve Grens

Drilling	
Start	**Finish**
Time: 08:20	**Time:** 09:00
Date: 11/1/06	**Date:** 11/1/06

Depth (feet)	Recovery (Inches)	Surface Condition: Soil	Soil Head Space PID Reading (ppm)	Odor	Moisture	Soil Samples Collected for Lab Analyses
1	60"	Top 33": Dark brown fine SAND and SILT, trace fine Gravel, Brick, Wood (FILL). Bottom 27": Light brown fine to medium SAND, trace fine Gravel, Silt. (FILL)	ND	No Odor	Dry	
2			ND	No Odor	Dry	AK-SB-1 (1'-2')
3			ND	No Odor	Dry	
4			ND	No Odor	Dry	
5			ND	No Odor	Dry	
6	60"	Top 2": Light brown fine to medium SAND, trace fine Micaceous Gravel, Silt. (FILL) Middle 14": Light brown fine SAND and BRICK, trace fine Gravel, Silt.	ND	No Odor	Dry	
7		Middle 6": Fine GRAVEL (FILL). Middle 8": Gray fine SAND and SILT,trace fine Gravel. (FILL)	ND	No Odor	Dry	AK-SB-1 (6'-7')
8		Middle 24": Fine GRAVEL (FILL). Bottom 6": Gray fine SAND and SILT, some fine Gravel. (FILL)	ND	No Odor	Dry	
9			ND	No Odor	Dry	
10			ND	No Odor	Dry	
11		End of boring at 10 feet below grade.				
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						

Notes: **PID - Photoionization detector** **ND - Not Detected**

Soil samples were analyzed for VOCs (Method 8260), SVOCs (Method 8270), PCBs (Method 8081), Pesticides (Method 8082) and TAL Metals.
Groundwater was not encountered.

AKRF, Inc.

Storage Deluxe - 200 East 135th Street, Bronx, NY.

Boring No. AK-SB-2

Sheet 1 of 1

Environmental Consultants
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method: Direct Push
Sampling Method: 5-foot long Macro Core
Driller : Zebra
Weather: 75F, Clear
Sampler: AKRF/Steve Grens

Drilling	
Start	**Finish**
Time: 09:20	**Time:** 09:50
Date: 11/1/06	**Date:** 11/1/06

Depth (feet)	Recovery (Inches)	Surface Condition: Soil	Soil Head Space PID Reading (ppm)	Odor	Moisture	Soil Samples Collected for Lab Analyses
1	56"	Top 36": Dark brown fine SAND and SILT, some Brick, Tile, trace fine Gravel. (FILL) Middle 2": BRICK (FILL).	ND	No Odor	Dry	
2		Middle17": Dark brown fine SAND and SILT, trace Concrete, Brick, Tile, Glass, trace fine Gravel. (FILL)	ND	No Odor	Dry	**AK-SB-2 (1'-2')**
3		Bottom 1": PLASTIC and GLASS (FILL).	ND	No Odor	Dry	
4			ND	No Odor	Dry	
5			ND	No Odor	Dry	
6	42"	Top 10": Dark brown fine SAND and SILT, trace Brick (FILL). Middle 11": BRICK (FILL).	ND	No Odor	Dry	
7		Middle 2": GRAVEL. (FILL)	ND	No Odor	Dry	
8		Bottom 19": GRAVEL, some brown fine Sand, Silt, Brick (FILL).	ND	No Odor	Dry	
9			ND	No Odor	Dry	
10			ND	No Odor	Dry	**AK-SB-2 (9'-10')**
11		End of boring at 10 feet below grade.				
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						

Notes: **PID - Photoionization detector** **ND - Not Detected**

Soil samples were analyzed for VOCs (Method 8260), SVOCs (Method 8270), PCBs (Method 8081), Pesticides (Method 8082) and TAL Metals.
Groundwater was not encountered.

AKRF, Inc.

Storage Deluxe - 200 East 135th Street, Bronx, NY.

Boring No. AK-SB-3

Sheet 1 of 1

Environmental Consultants

440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method: Direct Push
Sampling Method: 5-foot long Macro Core
Driller : Zebra
Weather: 75F, Clear
Sampler: AKRF/Steve Grens

Drilling	
Start	**Finish**
Time: 10:00	**Time: 10:25**
Date: 11/1/06	**Date:** 11/1/06

Depth (feet)	Recovery (Inches)	Surface Condition: Soil	Soil Head Space PID Reading (ppm)	Odor	Moisture	Soil Samples Collected for Lab Analyses
1	43"	Top 13": Dark brown fine SAND and SILT, trace Coal Slag, Brick, fine Gravel (FILL).	ND	No Odor	Dry	
2		Middle 18": Brown fine SAND and SILT, trace Coal, Cloth, Wood Fragments, fine Gravel (FILL).	ND	No Odor	Dry	
3		Bottom 12": BRICK, COAL SLAG, WOOD FRAGMENTS, some fine Gravel (FILL).	ND	No Odor	Dry	**AK-SB-3 (2'-3')**
4			ND	No Odor	Dry	
5			ND	No Odor	Dry	
6	59"	Top 20": Brown fine SAND and SILT, trace Brick (FILL).	ND	No Odor	Dry	
7		Middle 2": ASH (FILL). Middle 12": COAL, COAL SLAG, (FILL). Middle 22": Brown fine SAND and SILT, some Coal Slag (FILL).	ND	No Odor	Dry	
8		Bottom 3": COAL, some dark brown fine Sand, Silt. (FILL)	ND	No Odor	Dry	
9			2.1	No Odor	Dry	
10			6.4	No Odor	Petroleum-like	**AK-SB-3 (9'-10')**
11	52"	Top 21": Dark brown fine SAND and SILT, trace Coal Slag, Brick (FILL). Middle 19": COAL and SILT (FILL).	1.2	No Odor	Dry	
12		Botttom 12": Gray fine to medium SAND, trace Silt. (FILL)	ND	No Odor	Dry	
13			ND	No Odor	Dry	
14			ND	No Odor	Wet	
15			ND	No Odor	Wet	
16		End of boring at 15 feet below grade.				
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						

Notes: **PID - Photoionization detector** **ND - Not Detected**

Soil samples were analyzed for VOCs (Method 8260), SVOCs (Method 8270), PCBs (Method 8081), Pesticides (Method 8082) and TAL Metals.
Groundwater encountered at approximately 13 feet below grade.

AKRF, Inc.

Storage Deluxe - 200 East 135th Street, Bronx, NY.

Boring No. AK-SB-4

Sheet 1 of 1

Environmental Consultants

440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method: Direct Push
Sampling Method: 5-foot long Macro Core
Driller : Zebra
Weather: 75F, Clear
Sampler: AKRF/Steve Grens

Drilling	
Start	**Finish**
Time: 10:55	**Time:** 11:30
Date: 11/1/06	**Date:** 11/1/06

Depth (feet)	Recovery (Inches)	Surface Condition: Soil	Soil Head Space PID Reading (ppm)	Odor	Moisture	Soil Samples Collected for Lab Analyses
1	52"	Top 40": Dark brown fine SAND and SILT, trace Brick, Wood, fine Gravel. (FILL)	ND	No Odor	Dry	
		Middle 3": COAL SLAG (FILL).				
2		Bottom 9": BRICK, some brown fine Sand, trace Silt, Wood (FILL).	ND	No Odor	Dry	
3			ND	No Odor	Dry	AK-SB-4 (2'-3')
4			ND	No Odor	Dry	
5			ND	No Odor	Dry	
6	58"	Top 36": BRICK, COAL SLAG, WOOD FRAGMENTS, some brown fine Sand, Silt, trace fine Gravel. (FILL)	ND	No Odor	Dry	
7		Bott,om 22": Brown fine SAND, SILT, and fine GRAVEL, trace Coal, Coal Slag (FILL).	ND	No Odor	Dry	
8			ND	No Odor	Dry	
9			ND	No Odor	Dry	
10			ND	No Odor	Dry	AK-SB-4 (9'-10')
11		End of boring at 10 feet below grade.				
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						

Notes: **PID - Photoionization detector** **ND - Not Detected**

Soil samples were analyzed for VOCs (Method 8260), SVOCs (Method 8270), PCBs (Method 8081), Pesticides (Method 8082) and TAL Metals.
Groundwater was not encountered.

AKRF, Inc.

Storage Deluxe - 200 East 135th Street, Bronx, NY.

Boring No. AK-SB-5

Sheet 1 of 1

Environmental Consultants
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method: Direct Push
Sampling Method: 5-foot long Macro Core
Driller : Zebra
Weather: 75F, Clear
Sampler: AKRF/Steve Grens

Drilling	
Start	**Finish**
Time: 11:40	**Time:** 12:10
Date: 11/1/06	**Date:** 11/1/06

Depth (feet)	Recovery (Inches)	Surface Condition: Soil	Soil Head Space PID Reading (ppm)	Odor	Moisture	Soil Samples Collected for Lab Analyses
1	42"	Top 28": Brown fine SAND and SILT, some fine Gravel, trace Brick (FILL). Bottom 14": Fine GRAVEL, some Brick, trace brown fine Sand, Silt. (FILL)	ND	No Odor	Dry	AK-SB-5 (1'-2')
2			ND	No Odor	Dry	
3			ND	No Odor	Dry	
4			ND	No Odor	Dry	
5			ND	No Odor	Dry	
6	48"	Top 36": Brown fine SAND, some Silt, trace Brick, Glass, Coal Slag, Tile (FILL). Middle 1": Fine GRAVEL. (FILL) Bottom 11": Dark brown fine SAND, some Wood Fragments (FILL).	ND	No Odor	Dry	
7			ND	No Odor	Dry	
8			ND	No Odor	Dry	
9			0.7	No Odor	Dry	AK-SB-4 (8'-9')
10			ND	No Odor	Dry	
11		End of boring at 10 feet below grade.				
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						

Notes: **PID - Photoionization detector** **ND - Not Detected**

Soil samples were analyzed for VOCs (Method 8260), SVOCs (Method 8270), PCBs (Method 8081), Pesticides (Method 8082) and TAL Metals.
Groundwater was not encountered.

APPENDIX B

LABORATORY ANALYTICAL DATA SHEETS

ALPHA ANALYTICAL LABORATORIES

Eight Walkup Drive
Westborough, Massachusetts 01581-1019
(508) 898-9220 www.alphalab.com

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

CERTIFICATE OF ANALYSIS

Client: AKRF, Inc.

Address: 440 Park Avenue South
New York, NY 10016

Attn: Mr. Axel Schwendt

Project Number: 80095-0003

Site: STORAGE DELUXE

Laboratory Job Number: L0615863

Date Received: 02-NOV-2006

Date Reported: 09-NOV-2006

Delivery Method: Alpha

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0615863-01	AK-SB-1 (1'-2')	200 E. 135TH ST BRONX NY
L0615863-02	AK-SB-1 (6'-7')	200 E. 135TH ST BRONX NY
L0615863-03	AK-SB-2 (1'-2')	200 E. 135TH ST BRONX NY
L0615863-04	AK-SB-2 (9'-10')	200 E. 135TH ST BRONX NY
L0615863-05	AK-SB-3 (2'-3')	200 E. 135TH ST BRONX NY
L0615863-06	AK-SB-3 (9'-10')	200 E. 135TH ST BRONX NY
L0615863-07	AK-SB-4 (2'-3')	200 E. 135TH ST BRONX NY
L0615863-08	AK-SB-4 (9'-10')	200 E. 135TH ST BRONX NY
L0615863-09	AK-SB-5 (1'-2')	200 E. 135TH ST BRONX NY
L0615863-10	AK-SB-5 (8'-9')	200 E. 135TH ST BRONX NY
L0615863-11	TRIP BLANK	200 E. 135TH ST BRONX NY

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized by: _____
Technical Director

ALPHA ANALYTICAL LABORATORIES
NARRATIVE REPORT

Laboratory Job Number: L0615863

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

SemiVolatile Organics

L0615863-01 through -10: The requested limits were not achieved for the following compounds: Nitrobenzene, Aniline, 4-Chloroaniline, 2,4-Dichlorophenol, 2-Nitrophenol, 4-Nitrophenol, 2,4-Dinitrophenol, Phenol, 2-Methylphenol and 2,4,5-Trichlorophenol

The following samples have elevated detection limits due to the dilutions required by the matrix interferences encountered during the extraction, concentration, and/or digestion of the samples:

L0615863-01, -05: 5x

L0615863-07: 2x

L0615863-10: 1.8x

The following samples have elevated detection limits due to the dilutions required by the elevated concentrations of target compounds in the samples:

L0615863-02: 10x

L0615863-04: 5x

The following MS % recoveries are below the acceptance criteria for the method: Hexachloropropene, Pentachlorophenol, Anthracene, Fluoranthene and Pyrene.

The following MSD % recoveries are above the acceptance criteria for the method: Acenaphthene, Fluoranthene, Anthracene and Pyrene.

The following MS/MSD RPDs are above the acceptance criteria for the method: Acenaphthene, 1,2,4-Trichlorobenzene, 2-Chloronaphthalene, Fluoranthene, Anthracene, Pyrene, Hexachloropropene, 2-Chlorophenol, 2-Nitrophenol and Pentachlorophenol.

PAH

L0615863-01 through -10: The requested limits were not achieved for Benzo(b)fluoranthene, Benzo(k)fluoranthene and Chrysene.

The following samples have elevated detection limits due to the dilutions required by the matrix interferences encountered during the extraction, concentration, and/or digestion of the samples:

L0615863-01, -05: 5x

L0615863-07: 2x

L0615863-10: 1.8x

The following samples have elevated detection limits due to the dilutions required by the elevated concentrations of target compounds in the samples:

L0615863-01: 5x (total dilution 25x)

L0615863-02: 40x

L0615863-03, -08, -09: 5x

L0615863-04: 20x

L0615863-05: 4x (total dilution 20x)

L0615863-06: 2x

L0615863-07: 10x (total dilution 20x)

L0615863-10: 5x (total dilution 9x)

The surrogates were diluted out of L0615863-01 and -02, as well as the MS/MSD.

The MS % recoveries for Pentachlorophenol, Fluoranthene and Pyrene are below the acceptance criteria for the method.

The MSD % recoveries for Fluoranthene, Anthracene and Pyrene are above the acceptance criteria for the method.

The following MS/MSD RPDs are above the acceptance criteria for the method: Acenaphthene, Fluoranthene, Anthracene, Pyrene and Pentachlorophenol.

Pesticides

L0615863-01 through -10: The requested limits were not achieved.

The following samples have elevated detection limits due to the dilutions required by the matrix interferences encountered during the extraction, concentration, and/or digestion of the samples:

L0615863-03, -05, -07, -09, -10: 2x

The following samples have elevated detection limits due to the dilutions required by the elevated concentrations of target compounds in the samples:

L0615863-01: 20x

L0615863-04: 5x

L0615863-05, -07, -10: 20x (total dilutions 40x)

The following samples have elevated detection limits due to analytical dilutions required by the matrix of the samples:

L0615863-02, -06, -08: 5x

L0615863-03, -09: 5x (total dilutions 10x)

L0615863-04 required re-analysis on a 20x dilution in order to quantitate the sample within the range of the calibration. The result is reported as a greater than value for the compound that exceeded the calibration on the initial analysis. The re-analysis was performed only for the compound which exceeded the range of the calibration.

The surrogates were diluted out of L0615863-01, -03, -05, -07, -09, -10.

L0615863-04, -05, -07, -09, and -10 have target hits for 4,4'-DDT with RPDs between channels that are above the acceptance criteria for the method. Due to an obvious non-target interference, the lower of the two numbers is reported.

An MS/MSD was not analyzed due to the dilution required by the elevated concentration of target compounds present in the sample utilized for the ms/msd.

Metals

L0615863-01, -03, -04, and -07 required 10x dilutions for the analysis of Calcium in order to quantitate the samples within the calibration curve.

L0615863-02, -05, -09, and -10 required 10x dilutions for the analysis of Calcium and Magnesium in order to quantitate the samples within the calibration curve.

L0615863-04 and -09 required 10x dilutions for the analysis of Beryllium due to spectral interferences encountered during analysis.

L0615863-06 required 10x dilutions for the analysis of Iron, Manganese and Zinc in order to quantitate the sample within the calibration curve.

L0615863-08 required a 2x analytical dilution for Mercury in order to quantitate the result within the calibration curve.

The laboratory duplicate RPD for Iron is above the acceptance criteria for the method due to sample non-homogeneity.

The MS % recoveries for the following elements are invalid because the sample concentration is greater than four times the spike amount added: Aluminum, Calcium, Iron, Lead, Magnesium, Manganese and Zinc.

The MS % recoveries for Arsenic, Nickel, Thallium and Vanadium are below the acceptance criteria for the method due to sample matrix.

The MS % recovery for Potassium is above the acceptance criteria for the method due to sample matrix.

Calcium is present in the method blank, however, all associated sample results are greater than 10x the amount detected in the blank.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0615863-01
AK-SB-1 (1'-2')
Sample Matrix: SOIL

Date Collected: 01-NOV-2006 08:40
Date Received : 02-NOV-2006
Date Reported : 09-NOV-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	86	%	0.10	30	2540G		1107 12:01	PD
Total Metals				1	3051			
Aluminum, Total	4800	mg/kg	4.6	1	6010B	1103 18:30	1108 15:05	AI
Antimony, Total	3.8	mg/kg	2.3	1	6010B	1103 18:30	1108 15:05	AI
Arsenic, Total	4.6	mg/kg	0.46	1	6010B	1103 18:30	1108 15:05	AI
Barium, Total	58	mg/kg	0.46	1	6010B	1103 18:30	1108 15:05	AI
Beryllium, Total	ND	mg/kg	0.23	1	6010B	1103 18:30	1108 15:05	AI
Cadmium, Total	0.98	mg/kg	0.46	1	6010B	1103 18:30	1108 15:05	AI
Calcium, Total	39000	mg/kg	46	1	6010B	1103 18:30	1109 10:15	AI
Chromium, Total	13	mg/kg	0.46	1	6010B	1103 18:30	1108 15:05	AI
Cobalt, Total	5.8	mg/kg	0.92	1	6010B	1103 18:30	1108 15:05	AI
Copper, Total	160	mg/kg	0.46	1	6010B	1103 18:30	1108 15:05	AI
Iron, Total	20000	mg/kg	2.3	1	6010B	1103 18:30	1108 15:05	AI
Lead, Total	320	mg/kg	2.3	1	6010B	1103 18:30	1108 15:05	AI
Magnesium, Total	10000	mg/kg	4.6	1	6010B	1103 18:30	1108 15:05	AI
Manganese, Total	180	mg/kg	0.46	1	6010B	1103 18:30	1108 15:05	AI
Mercury, Total	0.45	mg/kg	0.09	1	7471A	1106 16:25	1107 10:20	DM
Nickel, Total	15	mg/kg	1.2	1	6010B	1103 18:30	1108 15:05	AI
Potassium, Total	1100	mg/kg	120	1	6010B	1103 18:30	1108 15:05	AI
Selenium, Total	ND	mg/kg	0.92	1	6010B	1103 18:30	1108 15:05	AI
Silver, Total	ND	mg/kg	0.46	1	6010B	1103 18:30	1108 15:05	AI
Sodium, Total	230	mg/kg	92	1	6010B	1103 18:30	1108 15:05	AI
Thallium, Total	ND	mg/kg	0.46	1	6010B	1103 18:30	1108 15:05	AI
Vanadium, Total	30	mg/kg	0.46	1	6010B	1103 18:30	1108 15:05	AI
Zinc, Total	360	mg/kg	2.3	1	6010B	1103 18:30	1108 15:05	AI
Volatile Organics by GC/MS 8260				1	8260B		1107 17:10	RY
Methylene chloride	ND	ug/kg	29.					
1,1-Dichloroethane	ND	ug/kg	4.4					
Chloroform	ND	ug/kg	4.4					
Carbon tetrachloride	ND	ug/kg	2.9					
1,2-Dichloropropane	ND	ug/kg	10.					
Dibromochloromethane	ND	ug/kg	2.9					
1,1,2-Trichloroethane	ND	ug/kg	4.4					
Tetrachloroethene	ND	ug/kg	2.9					
Chlorobenzene	ND	ug/kg	2.9					
Trichlorofluoromethane	ND	ug/kg	14.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-01
AK-SB-1 (1'-2')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		1107 17:10	RY
1,2-Dichloroethane	ND	ug/kg	2.9					
1,1,1-Trichloroethane	ND	ug/kg	2.9					
Bromodichloromethane	ND	ug/kg	2.9					
trans-1,3-Dichloropropene	ND	ug/kg	2.9					
cis-1,3-Dichloropropene	ND	ug/kg	2.9					
1,1-Dichloropropene	ND	ug/kg	14.					
Bromoform	ND	ug/kg	12.					
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.9					
Benzene	ND	ug/kg	2.9					
Toluene	ND	ug/kg	4.4					
Ethylbenzene	ND	ug/kg	2.9					
Chloromethane	ND	ug/kg	14.					
Bromomethane	ND	ug/kg	5.8					
Vinyl chloride	ND	ug/kg	5.8					
Chloroethane	ND	ug/kg	5.8					
1,1-Dichloroethene	ND	ug/kg	2.9					
trans-1,2-Dichloroethene	ND	ug/kg	4.4					
Trichloroethene	ND	ug/kg	2.9					
1,2-Dichlorobenzene	ND	ug/kg	14.					
1,3-Dichlorobenzene	ND	ug/kg	14.					
1,4-Dichlorobenzene	ND	ug/kg	14.					
Methyl tert butyl ether	ND	ug/kg	5.8					
p/m-Xylene	ND	ug/kg	5.8					
o-Xylene	ND	ug/kg	5.8					
cis-1,2-Dichloroethene	ND	ug/kg	2.9					
Dibromomethane	ND	ug/kg	29.					
1,4-Dichlorobutane	ND	ug/kg	29.					
Iodomethane	ND	ug/kg	29.					
1,2,3-Trichloropropane	ND	ug/kg	29.					
Styrene	ND	ug/kg	5.8					
Dichlorodifluoromethane	ND	ug/kg	29.					
Acetone	ND	ug/kg	29.					
Carbon disulfide	ND	ug/kg	29.					
2-Butanone	ND	ug/kg	29.					
Vinyl acetate	ND	ug/kg	29.					
4-Methyl-2-pentanone	ND	ug/kg	29.					
2-Hexanone	ND	ug/kg	29.					
Ethyl methacrylate	ND	ug/kg	29.					
Acrolein	ND	ug/kg	73.					
Acrylonitrile	ND	ug/kg	12.					
Bromochloromethane	ND	ug/kg	14.					
Tetrahydrofuran	ND	ug/kg	58.					
2,2-Dichloropropane	ND	ug/kg	14.					
1,2-Dibromoethane	ND	ug/kg	12.					
1,3-Dichloropropane	ND	ug/kg	14.					
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.9					
Bromobenzene	ND	ug/kg	14.					
n-Butylbenzene	ND	ug/kg	2.9					
sec-Butylbenzene	ND	ug/kg	2.9					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-01
AK-SB-1 (1'-2')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		1107 17:10	RY
tert-Butylbenzene	ND	ug/kg	14.					
o-Chlorotoluene	ND	ug/kg	14.					
p-Chlorotoluene	ND	ug/kg	14.					
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.					
Hexachlorobutadiene	ND	ug/kg	14.					
Isopropylbenzene	ND	ug/kg	2.9					
p-Isopropyltoluene	ND	ug/kg	2.9					
Naphthalene	ND	ug/kg	14.					
n-Propylbenzene	ND	ug/kg	2.9					
1,2,3-Trichlorobenzene	ND	ug/kg	14.					
1,2,4-Trichlorobenzene	ND	ug/kg	14.					
1,3,5-Trimethylbenzene	ND	ug/kg	14.					
1,2,4-Trimethylbenzene	ND	ug/kg	14.					
trans-1,4-Dichloro-2-butene	ND	ug/kg	14.					
Ethyl ether	ND	ug/kg	14.					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	108	%	70-130					
Toluene-d8	98.0	%	70-130					
4-Bromofluorobenzene	123	%	70-130					
Dibromofluoromethane	101	%	70-130					
SVOC's by GC/MS 8270				1	8270C	1103 20:35	1106 16:01	RL
Acenaphthene	ND	ug/kg	1900					
Benzidine	ND	ug/kg	19000					
1,2,4-Trichlorobenzene	ND	ug/kg	1900					
Hexachlorobenzene	ND	ug/kg	1900					
Bis(2-chloroethyl)ether	ND	ug/kg	1900					
1-Chloronaphthalene	ND	ug/kg	1900					
2-Chloronaphthalene	ND	ug/kg	2300					
1,2-Dichlorobenzene	ND	ug/kg	1900					
1,3-Dichlorobenzene	ND	ug/kg	1900					
1,4-Dichlorobenzene	ND	ug/kg	1900					
3,3'-Dichlorobenzidine	ND	ug/kg	3900					
2,4-Dinitrotoluene	ND	ug/kg	1900					
2,6-Dinitrotoluene	ND	ug/kg	1900					
Azobenzene	ND	ug/kg	1900					
Fluoranthene	21000	ug/kg	1900					
4-Chlorophenyl phenyl ether	ND	ug/kg	1900					
4-Bromophenyl phenyl ether	ND	ug/kg	1900					
Bis(2-chloroisopropyl)ether	ND	ug/kg	1900					
Bis(2-chloroethoxy)methane	ND	ug/kg	1900					
Hexachlorobutadiene	ND	ug/kg	3900					
Hexachlorocyclopentadiene	ND	ug/kg	3900					
Hexachloroethane	ND	ug/kg	1900					
Isophorone	ND	ug/kg	1900					
Naphthalene	ND	ug/kg	1900					
Nitrobenzene	ND	ug/kg	1900					
NDPA/DPA	ND	ug/kg	5800					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-01
AK-SB-1 (1'-2')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1106 16:01	RL
n-Nitrosodi-n-propylamine	ND	ug/kg	1900					
Bis(2-ethylhexyl)phthalate	ND	ug/kg	3900					
Butyl benzyl phthalate	ND	ug/kg	1900					
Di-n-butylphthalate	ND	ug/kg	1900					
Di-n-octylphthalate	ND	ug/kg	1900					
Diethyl phthalate	ND	ug/kg	1900					
Dimethyl phthalate	ND	ug/kg	1900					
Benzo(a)anthracene	9500	ug/kg	1900					
Benzo(a)pyrene	9400	ug/kg	1900					
Benzo(b)fluoranthene	7800	ug/kg	1900					
Benzo(k)fluoranthene	8300	ug/kg	1900					
Chrysene	9200	ug/kg	1900					
Acenaphthylene	ND	ug/kg	1900					
Anthracene	3700	ug/kg	1900					
Benzo(ghi)perylene	6400	ug/kg	1900					
Fluorene	ND	ug/kg	1900					
Phenanthrene	13000	ug/kg	1900					
Dibenzo(a,h)anthracene	ND	ug/kg	1900					
Indeno(1,2,3-cd)pyrene	6900	ug/kg	1900					
Pyrene	18000	ug/kg	1900					
Benzo(e)pyrene	6200	ug/kg	1900					
Biphenyl	ND	ug/kg	1900					
Perylene	2500	ug/kg	1900					
Aniline	ND	ug/kg	3900					
4-Chloroaniline	ND	ug/kg	1900					
1-Methylnaphthalene	ND	ug/kg	1900					
2-Nitroaniline	ND	ug/kg	1900					
3-Nitroaniline	ND	ug/kg	1900					
4-Nitroaniline	ND	ug/kg	2700					
Dibenzofuran	ND	ug/kg	1900					
a,a-Dimethylphenethylamine	ND	ug/kg	19000					
Hexachloropropene	ND	ug/kg	3900					
Nitrosodi-n-butylamine	ND	ug/kg	3900					
2-Methylnaphthalene	ND	ug/kg	1900					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	7800					
Pentachlorobenzene	ND	ug/kg	7800					
a-Naphthylamine	ND	ug/kg	7800					
b-Naphthylamine	ND	ug/kg	7800					
Phenacetin	ND	ug/kg	3900					
Dimethoate	ND	ug/kg	7800					
4-Aminobiphenyl	ND	ug/kg	3900					
Pentachloronitrobenzene	ND	ug/kg	3900					
Isodrin	ND	ug/kg	3900					
p-Dimethylaminoazobenzene	ND	ug/kg	3900					
Chlorobenzilate	ND	ug/kg	7800					
3-Methylcholanthrene	ND	ug/kg	7800					
Ethyl Methanesulfonate	ND	ug/kg	5800					
Acetophenone	ND	ug/kg	7800					
Nitrosodipiperidine	ND	ug/kg	7800					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-01
AK-SB-1 (1'-2')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1106 16:01	RL
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	3900					
n-Nitrosodimethylamine	ND	ug/kg	19000					
2,4,6-Trichlorophenol	ND	ug/kg	1900					
p-Chloro-m-cresol	ND	ug/kg	1900					
2-Chlorophenol	ND	ug/kg	2300					
2,4-Dichlorophenol	ND	ug/kg	3900					
2,4-Dimethylphenol	ND	ug/kg	1900					
2-Nitrophenol	ND	ug/kg	7800					
4-Nitrophenol	ND	ug/kg	3900					
2,4-Dinitrophenol	ND	ug/kg	7800					
4,6-Dinitro-o-cresol	ND	ug/kg	7800					
Pentachlorophenol	ND	ug/kg	7800					
Phenol	ND	ug/kg	2700					
2-Methylphenol	ND	ug/kg	2300					
3-Methylphenol/4-Methylphenol	ND	ug/kg	2300					
2,4,5-Trichlorophenol	ND	ug/kg	1900					
2,6-Dichlorophenol	ND	ug/kg	3900					
Benzoic Acid	ND	ug/kg	19000					
Benzyl Alcohol	ND	ug/kg	3900					
Carbazole	ND	ug/kg	1900					
Pyridine	ND	ug/kg	19000					
2-Picoline	ND	ug/kg	7800					
Pronamide	ND	ug/kg	7800					
Methyl methanesulfonate	ND	ug/kg	7800					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	79.0	%	25-120					
Phenol-d6	120	%	10-120					
Nitrobenzene-d5	86.0	%	23-120					
2-Fluorobiphenyl	88.0	%	30-120					
2,4,6-Tribromophenol	95.0	%	19-120					
4-Terphenyl-d14	101	%	18-120					
PAH by GC/MS SIM 8270M				1	8270C-M	1103 20:35	1108 00:38	RL
Acenaphthene	2000	ug/kg	390					
2-Chloronaphthalene	ND	ug/kg	390					
Fluoranthene	27000	ug/kg	390					
Hexachlorobutadiene	ND	ug/kg	970					
Naphthalene	670	ug/kg	390					
Benzo(a)anthracene	15000	ug/kg	390					
Benzo(a)pyrene	9300	ug/kg	390					
Benzo(b)fluoranthene	12000	ug/kg	390					
Benzo(k)fluoranthene	11000	ug/kg	390					
Chrysene	12000	ug/kg	390					
Acenaphthylene	760	ug/kg	390					
Anthracene	4800	ug/kg	390					
Benzo(ghi)perylene	7200	ug/kg	390					
Fluorene	2100	ug/kg	390					
Phenanthrene	15000	ug/kg	390					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-01
AK-SB-1 (1'-2')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	1103 20:35	1108 00:38	RL
Dibenzo(a,h)anthracene	1700	ug/kg	390					
Indeno(1,2,3-cd)Pyrene	6200	ug/kg	390					
Pyrene	22000	ug/kg	390					
1-Methylnaphthalene	ND	ug/kg	390					
2-Methylnaphthalene	ND	ug/kg	390					
Pentachlorophenol	ND	ug/kg	1600					
Hexachlorobenzene	ND	ug/kg	1600					
Perylene	2600	ug/kg	390					
Biphenyl	ND	ug/kg	390					
2,6-Dimethylnaphthalene	ND	ug/kg	390					
1-Methylphenanthrene	1400	ug/kg	390					
Benzo(e)Pyrene	9400	ug/kg	390					
Hexachloroethane	ND	ug/kg	1600					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	ND	%	25-120					
Phenol-d6	ND	%	10-120					
Nitrobenzene-d5	ND	%	23-120					
2-Fluorobiphenyl	ND	%	30-120					
2,4,6-Tribromophenol	ND	%	19-120					
4-Terphenyl-d14	ND	%	18-120					
Polychlorinated Biphenyls				1	8082	1103 16:00	1107 23:38	AK
Aroclor 1016	ND	ug/kg	38.8					
Aroclor 1221	ND	ug/kg	38.8					
Aroclor 1232	ND	ug/kg	38.8					
Aroclor 1242	ND	ug/kg	38.8					
Aroclor 1248	ND	ug/kg	38.8					
Aroclor 1254	109	ug/kg	38.8					
Aroclor 1260	49.7	ug/kg	38.8					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	47.0	%	30-150					
Decachlorobiphenyl	42.0	%	30-150					
Organochlorine Pesticides				1	8081	1103 21:40	1108 04:55	JB
Delta-BHC	ND	ug/kg	77.5					
Lindane	ND	ug/kg	77.5					
Alpha-BHC	ND	ug/kg	77.5					
Beta-BHC	ND	ug/kg	77.5					
Heptachlor	ND	ug/kg	77.5					
Aldrin	ND	ug/kg	77.5					
Heptachlor epoxide	ND	ug/kg	77.5					
Endrin	ND	ug/kg	77.5					
Endrin aldehyde	ND	ug/kg	77.5					
Endrin ketone	ND	ug/kg	77.5					
Dieldrin	ND	ug/kg	77.5					
4,4'-DDE	ND	ug/kg	77.5					
4,4'-DDD	231	ug/kg	77.5					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-01
AK-SB-1 (1'-2')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Organochlorine Pesticides cont'd				1	8081	1103 21:40	1108 04:55	JB
4,4'-DDT	ND	ug/kg	77.5					
Endosulfan I	ND	ug/kg	77.5					
Endosulfan II	ND	ug/kg	77.5					
Endosulfan sulfate	ND	ug/kg	77.5					
Methoxychlor	ND	ug/kg	310.					
Toxaphene	ND	ug/kg	310.					
Chlordane	ND	ug/kg	310.					
cis-Chlordane	ND	ug/kg	77.5					
trans-Chlordane	ND	ug/kg	77.5					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	ND	%	30-150					
Decachlorobiphenyl	ND	%	30-150					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0615863-02
AK-SB-1 (6'-7')
Sample Matrix: SOIL

Date Collected: 01-NOV-2006 08:55
Date Received : 02-NOV-2006
Date Reported : 09-NOV-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	91	%	0.10	30	2540G		1107 12:01	PD
Total Metals				1	3051			
Aluminum, Total	4500	mg/kg	4.4	1	6010B	1103 18:30	1108 15:17	AI
Antimony, Total	ND	mg/kg	2.2	1	6010B	1103 18:30	1108 15:17	AI
Arsenic, Total	1.4	mg/kg	0.44	1	6010B	1103 18:30	1108 15:17	AI
Barium, Total	73	mg/kg	0.44	1	6010B	1103 18:30	1108 15:17	AI
Beryllium, Total	ND	mg/kg	0.22	1	6010B	1103 18:30	1108 15:17	AI
Cadmium, Total	ND	mg/kg	0.44	1	6010B	1103 18:30	1108 15:17	AI
Calcium, Total	49000	mg/kg	44	1	6010B	1103 18:30	1109 10:25	AI
Chromium, Total	9.3	mg/kg	0.44	1	6010B	1103 18:30	1108 15:17	AI
Cobalt, Total	4.9	mg/kg	0.87	1	6010B	1103 18:30	1108 15:17	AI
Copper, Total	17	mg/kg	0.44	1	6010B	1103 18:30	1108 15:17	AI
Iron, Total	8700	mg/kg	2.2	1	6010B	1103 18:30	1108 15:17	AI
Lead, Total	61	mg/kg	2.2	1	6010B	1103 18:30	1108 15:17	AI
Magnesium, Total	26000	mg/kg	44	1	6010B	1103 18:30	1109 10:25	AI
Manganese, Total	180	mg/kg	0.44	1	6010B	1103 18:30	1108 15:17	AI
Mercury, Total	ND	mg/kg	0.08	1	7471A	1106 16:25	1107 10:21	DM
Nickel, Total	7.8	mg/kg	1.1	1	6010B	1103 18:30	1108 15:17	AI
Potassium, Total	1700	mg/kg	110	1	6010B	1103 18:30	1108 15:17	AI
Selenium, Total	ND	mg/kg	0.87	1	6010B	1103 18:30	1108 15:17	AI
Silver, Total	ND	mg/kg	0.44	1	6010B	1103 18:30	1108 15:17	AI
Sodium, Total	ND	mg/kg	87	1	6010B	1103 18:30	1108 15:17	AI
Thallium, Total	ND	mg/kg	0.44	1	6010B	1103 18:30	1108 15:17	AI
Vanadium, Total	15	mg/kg	0.44	1	6010B	1103 18:30	1108 15:17	AI
Zinc, Total	52	mg/kg	2.2	1	6010B	1103 18:30	1108 15:17	AI
Volatile Organics by GC/MS 8260				1	8260B		1107 17:46	RY
Methylene chloride	ND	ug/kg	27.					
1,1-Dichloroethane	ND	ug/kg	4.1					
Chloroform	ND	ug/kg	4.1					
Carbon tetrachloride	ND	ug/kg	2.7					
1,2-Dichloropropane	ND	ug/kg	9.6					
Dibromochloromethane	ND	ug/kg	2.7					
1,1,2-Trichloroethane	ND	ug/kg	4.1					
Tetrachloroethene	ND	ug/kg	2.7					
Chlorobenzene	ND	ug/kg	2.7					
Trichlorofluoromethane	ND	ug/kg	14.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-02
AK-SB-1 (6'-7')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		1107 17:46	RY
1,2-Dichloroethane	ND	ug/kg	2.7					
1,1,1-Trichloroethane	ND	ug/kg	2.7					
Bromodichloromethane	ND	ug/kg	2.7					
trans-1,3-Dichloropropene	ND	ug/kg	2.7					
cis-1,3-Dichloropropene	ND	ug/kg	2.7					
1,1-Dichloropropene	ND	ug/kg	14.					
Bromoform	ND	ug/kg	11.					
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.7					
Benzene	ND	ug/kg	2.7					
Toluene	ND	ug/kg	4.1					
Ethylbenzene	ND	ug/kg	2.7					
Chloromethane	ND	ug/kg	14.					
Bromomethane	ND	ug/kg	5.5					
Vinyl chloride	ND	ug/kg	5.5					
Chloroethane	ND	ug/kg	5.5					
1,1-Dichloroethene	ND	ug/kg	2.7					
trans-1,2-Dichloroethene	ND	ug/kg	4.1					
Trichloroethene	ND	ug/kg	2.7					
1,2-Dichlorobenzene	ND	ug/kg	14.					
1,3-Dichlorobenzene	ND	ug/kg	14.					
1,4-Dichlorobenzene	ND	ug/kg	14.					
Methyl tert butyl ether	ND	ug/kg	5.5					
p/m-Xylene	ND	ug/kg	5.5					
o-Xylene	ND	ug/kg	5.5					
cis-1,2-Dichloroethene	ND	ug/kg	2.7					
Dibromomethane	ND	ug/kg	27.					
1,4-Dichlorobutane	ND	ug/kg	27.					
Iodomethane	ND	ug/kg	27.					
1,2,3-Trichloropropane	ND	ug/kg	27.					
Styrene	ND	ug/kg	5.5					
Dichlorodifluoromethane	ND	ug/kg	27.					
Acetone	ND	ug/kg	27.					
Carbon disulfide	ND	ug/kg	27.					
2-Butanone	ND	ug/kg	27.					
Vinyl acetate	ND	ug/kg	27.					
4-Methyl-2-pentanone	ND	ug/kg	27.					
2-Hexanone	ND	ug/kg	27.					
Ethyl methacrylate	ND	ug/kg	27.					
Acrolein	ND	ug/kg	69.					
Acrylonitrile	ND	ug/kg	11.					
Bromochloromethane	ND	ug/kg	14.					
Tetrahydrofuran	ND	ug/kg	55.					
2,2-Dichloropropane	ND	ug/kg	14.					
1,2-Dibromoethane	ND	ug/kg	11.					
1,3-Dichloropropane	ND	ug/kg	14.					
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.7					
Bromobenzene	ND	ug/kg	14.					
n-Butylbenzene	ND	ug/kg	2.7					
sec-Butylbenzene	ND	ug/kg	2.7					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-02
AK-SB-1 (6'-7')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		1107 17:46	RY
tert-Butylbenzene	ND	ug/kg	14.					
o-Chlorotoluene	ND	ug/kg	14.					
p-Chlorotoluene	ND	ug/kg	14.					
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.					
Hexachlorobutadiene	ND	ug/kg	14.					
Isopropylbenzene	ND	ug/kg	2.7					
p-Isopropyltoluene	ND	ug/kg	2.7					
Naphthalene	ND	ug/kg	14.					
n-Propylbenzene	ND	ug/kg	2.7					
1,2,3-Trichlorobenzene	ND	ug/kg	14.					
1,2,4-Trichlorobenzene	ND	ug/kg	14.					
1,3,5-Trimethylbenzene	ND	ug/kg	14.					
1,2,4-Trimethylbenzene	ND	ug/kg	14.					
trans-1,4-Dichloro-2-butene	ND	ug/kg	14.					
Ethyl ether	ND	ug/kg	14.					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	106	%	70-130					
Toluene-d8	93.0	%	70-130					
4-Bromofluorobenzene	102	%	70-130					
Dibromofluoromethane	98.0	%	70-130					
SVOC's by GC/MS 8270				1	8270C	1103 20:35	1107 18:41	RL
Acenaphthene	ND	ug/kg	3700					
Benzidine	ND	ug/kg	37000					
1,2,4-Trichlorobenzene	ND	ug/kg	3700					
Hexachlorobenzene	ND	ug/kg	3700					
Bis(2-chloroethyl)ether	ND	ug/kg	3700					
1-Chloronaphthalene	ND	ug/kg	3700					
2-Chloronaphthalene	ND	ug/kg	4400					
1,2-Dichlorobenzene	ND	ug/kg	3700					
1,3-Dichlorobenzene	ND	ug/kg	3700					
1,4-Dichlorobenzene	ND	ug/kg	3700					
3,3'-Dichlorobenzidine	ND	ug/kg	7300					
2,4-Dinitrotoluene	ND	ug/kg	3700					
2,6-Dinitrotoluene	ND	ug/kg	3700					
Azobenzene	ND	ug/kg	3700					
Fluoranthene	45000	ug/kg	3700					
4-Chlorophenyl phenyl ether	ND	ug/kg	3700					
4-Bromophenyl phenyl ether	ND	ug/kg	3700					
Bis(2-chloroisopropyl)ether	ND	ug/kg	3700					
Bis(2-chloroethoxy)methane	ND	ug/kg	3700					
Hexachlorobutadiene	ND	ug/kg	7300					
Hexachlorocyclopentadiene	ND	ug/kg	7300					
Hexachloroethane	ND	ug/kg	3700					
Isophorone	ND	ug/kg	3700					
Naphthalene	5900	ug/kg	3700					
Nitrobenzene	ND	ug/kg	3700					
NDPA/DPA	ND	ug/kg	11000					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-02
AK-SB-1 (6'-7')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1107 18:41	RL
n-Nitrosodi-n-propylamine	ND	ug/kg	3700					
Bis(2-ethylhexyl)phthalate	ND	ug/kg	7300					
Butyl benzyl phthalate	ND	ug/kg	3700					
Di-n-butylphthalate	ND	ug/kg	3700					
Di-n-octylphthalate	ND	ug/kg	3700					
Diethyl phthalate	ND	ug/kg	3700					
Dimethyl phthalate	ND	ug/kg	3700					
Benzo(a)anthracene	19000	ug/kg	3700					
Benzo(a)pyrene	13000	ug/kg	3700					
Benzo(b)fluoranthene	10000	ug/kg	3700					
Benzo(k)fluoranthene	12000	ug/kg	3700					
Chrysene	19000	ug/kg	3700					
Acenaphthylene	ND	ug/kg	3700					
Anthracene	13000	ug/kg	3700					
Benzo(ghi)perylene	6000	ug/kg	3700					
Fluorene	6200	ug/kg	3700					
Phenanthrene	59000	ug/kg	3700					
Dibenzo(a,h)anthracene	ND	ug/kg	3700					
Indeno(1,2,3-cd)pyrene	7200	ug/kg	3700					
Pyrene	39000	ug/kg	3700					
Benzo(e)pyrene	7800	ug/kg	3700					
Biphenyl	ND	ug/kg	3700					
Perylene	ND	ug/kg	3700					
Aniline	ND	ug/kg	7300					
4-Chloroaniline	ND	ug/kg	3700					
1-Methylnaphthalene	5400	ug/kg	3700					
2-Nitroaniline	ND	ug/kg	3700					
3-Nitroaniline	ND	ug/kg	3700					
4-Nitroaniline	ND	ug/kg	5100					
Dibenzofuran	ND	ug/kg	3700					
a,a-Dimethylphenethylamine	ND	ug/kg	37000					
Hexachloropropene	ND	ug/kg	7300					
Nitrosodi-n-butylamine	ND	ug/kg	7300					
2-Methylnaphthalene	4400	ug/kg	3700					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	15000					
Pentachlorobenzene	ND	ug/kg	15000					
a-Naphthylamine	ND	ug/kg	15000					
b-Naphthylamine	ND	ug/kg	15000					
Phenacetin	ND	ug/kg	7300					
Dimethoate	ND	ug/kg	15000					
4-Aminobiphenyl	ND	ug/kg	7300					
Pentachloronitrobenzene	ND	ug/kg	7300					
Isodrin	ND	ug/kg	7300					
p-Dimethylaminoazobenzene	ND	ug/kg	7300					
Chlorobenzilate	ND	ug/kg	15000					
3-Methylcholanthrene	ND	ug/kg	15000					
Ethyl Methanesulfonate	ND	ug/kg	11000					
Acetophenone	ND	ug/kg	15000					
Nitrosodipiperidine	ND	ug/kg	15000					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-02
AK-SB-1 (6'-7')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1107 18:41	RL
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	7300					
n-Nitrosodimethylamine	ND	ug/kg	37000					
2,4,6-Trichlorophenol	ND	ug/kg	3700					
p-Chloro-m-cresol	ND	ug/kg	3700					
2-Chlorophenol	ND	ug/kg	4400					
2,4-Dichlorophenol	ND	ug/kg	7300					
2,4-Dimethylphenol	ND	ug/kg	3700					
2-Nitrophenol	ND	ug/kg	15000					
4-Nitrophenol	ND	ug/kg	7300					
2,4-Dinitrophenol	ND	ug/kg	15000					
4,6-Dinitro-o-cresol	ND	ug/kg	15000					
Pentachlorophenol	ND	ug/kg	15000					
Phenol	ND	ug/kg	5100					
2-Methylphenol	ND	ug/kg	4400					
3-Methylphenol/4-Methylphenol	ND	ug/kg	4400					
2,4,5-Trichlorophenol	ND	ug/kg	3700					
2,6-Dichlorophenol	ND	ug/kg	7300					
Benzoic Acid	ND	ug/kg	37000					
Benzyl Alcohol	ND	ug/kg	7300					
Carbazole	4600	ug/kg	3700					
Pyridine	ND	ug/kg	37000					
2-Picoline	ND	ug/kg	15000					
Pronamide	ND	ug/kg	15000					
Methyl methanesulfonate	ND	ug/kg	15000					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	54.0	%	25-120					
Phenol-d6	90.0	%	10-120					
Nitrobenzene-d5	64.0	%	23-120					
2-Fluorobiphenyl	76.0	%	30-120					
2,4,6-Tribromophenol	84.0	%	19-120					
4-Terphenyl-d14	93.0	%	18-120					
PAH by GC/MS SIM 8270M				1	8270C-M	1103 20:35	1108 01:27	RL
Acenaphthene	4200	ug/kg	590					
2-Chloronaphthalene	ND	ug/kg	590					
Fluoranthene	46000	ug/kg	590					
Hexachlorobutadiene	ND	ug/kg	1500					
Naphthalene	5800	ug/kg	590					
Benzo(a)anthracene	28000	ug/kg	590					
Benzo(a)pyrene	12000	ug/kg	590					
Benzo(b)fluoranthene	16000	ug/kg	590					
Benzo(k)fluoranthene	15000	ug/kg	590					
Chrysene	24000	ug/kg	590					
Acenaphthylene	730	ug/kg	590					
Anthracene	16000	ug/kg	590					
Benzo(ghi)perylene	6900	ug/kg	590					
Fluorene	7900	ug/kg	590					
Phenanthrene	50000	ug/kg	590					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-02
AK-SB-1 (6'-7')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	1103	1108 01:27	RL
Dibenzo(a,h)anthracene	2300	ug/kg	590					
Indeno(1,2,3-cd)Pyrene	6400	ug/kg	590					
Pyrene	40000	ug/kg	590					
1-Methylnaphthalene	4100	ug/kg	590					
2-Methylnaphthalene	4700	ug/kg	590					
Pentachlorophenol	ND	ug/kg	2300					
Hexachlorobenzene	ND	ug/kg	2300					
Perylene	2900	ug/kg	590					
Biphenyl	900	ug/kg	590					
2,6-Dimethylnaphthalene	2200	ug/kg	590					
1-Methylphenanthrene	8000	ug/kg	590					
Benzo(e)Pyrene	11000	ug/kg	590					
Hexachloroethane	ND	ug/kg	2300					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	ND	%	25-120					
Phenol-d6	ND	%	10-120					
Nitrobenzene-d5	ND	%	23-120					
2-Fluorobiphenyl	ND	%	30-120					
2,4,6-Tribromophenol	ND	%	19-120					
4-Terphenyl-d14	ND	%	18-120					
Polychlorinated Biphenyls				1	8082	1103	1108 00:07	AK
Aroclor 1016	ND	ug/kg	36.6					
Aroclor 1221	ND	ug/kg	36.6					
Aroclor 1232	ND	ug/kg	36.6					
Aroclor 1242	ND	ug/kg	36.6					
Aroclor 1248	ND	ug/kg	36.6					
Aroclor 1254	ND	ug/kg	36.6					
Aroclor 1260	ND	ug/kg	36.6					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	46.0	%	30-150					
Decachlorobiphenyl	42.0	%	30-150					
Organochlorine Pesticides				1	8081	1103	1108 00:09	JB
Delta-BHC	ND	ug/kg	18.3					
Lindane	ND	ug/kg	18.3					
Alpha-BHC	ND	ug/kg	18.3					
Beta-BHC	ND	ug/kg	18.3					
Heptachlor	ND	ug/kg	18.3					
Aldrin	ND	ug/kg	18.3					
Heptachlor epoxide	ND	ug/kg	18.3					
Endrin	ND	ug/kg	18.3					
Endrin aldehyde	ND	ug/kg	18.3					
Endrin ketone	ND	ug/kg	18.3					
Dieldrin	ND	ug/kg	18.3					
4,4'-DDE	ND	ug/kg	18.3					
4,4'-DDD	ND	ug/kg	18.3					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-02
AK-SB-1 (6'-7')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Organochlorine Pesticides cont'd				1	8081	1103 21:40	1108 00:09	JB
4,4'-DDT	ND	ug/kg	18.3					
Endosulfan I	ND	ug/kg	18.3					
Endosulfan II	ND	ug/kg	18.3					
Endosulfan sulfate	ND	ug/kg	18.3					
Methoxychlor	ND	ug/kg	73.3					
Toxaphene	ND	ug/kg	73.3					
Chlordane	ND	ug/kg	73.3					
cis-Chlordane	ND	ug/kg	18.3					
trans-Chlordane	ND	ug/kg	18.3					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	65.0	%	30-150					
Decachlorobiphenyl	116	%	30-150					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0615863-03
AK-SB-2 (1'-2')
Sample Matrix: SOIL

Date Collected: 01-NOV-2006 09:35
Date Received : 02-NOV-2006
Date Reported : 09-NOV-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	91	%	0.10	30	2540G		1103 14:08	PD
Total Metals				1	3051			
Aluminum, Total	3800	mg/kg	4.3	1	6010B	1103 18:30	1108 15:21	AI
Antimony, Total	ND	mg/kg	2.2	1	6010B	1103 18:30	1108 15:21	AI
Arsenic, Total	4.1	mg/kg	0.43	1	6010B	1103 18:30	1108 15:21	AI
Barium, Total	41	mg/kg	0.43	1	6010B	1103 18:30	1108 15:21	AI
Beryllium, Total	ND	mg/kg	0.22	1	6010B	1103 18:30	1108 15:21	AI
Cadmium, Total	ND	mg/kg	0.43	1	6010B	1103 18:30	1108 15:21	AI
Calcium, Total	20000	mg/kg	43	1	6010B	1103 18:30	1109 10:29	AI
Chromium, Total	7.7	mg/kg	0.43	1	6010B	1103 18:30	1108 15:21	AI
Cobalt, Total	4.1	mg/kg	0.86	1	6010B	1103 18:30	1108 15:21	AI
Copper, Total	91	mg/kg	0.43	1	6010B	1103 18:30	1108 15:21	AI
Iron, Total	11000	mg/kg	2.2	1	6010B	1103 18:30	1108 15:21	AI
Lead, Total	74	mg/kg	2.2	1	6010B	1103 18:30	1108 15:21	AI
Magnesium, Total	5700	mg/kg	4.3	1	6010B	1103 18:30	1108 15:21	AI
Manganese, Total	210	mg/kg	0.43	1	6010B	1103 18:30	1108 15:21	AI
Mercury, Total	0.30	mg/kg	0.09	1	7471A	1106 16:25	1107 10:23	DM
Nickel, Total	10	mg/kg	1.1	1	6010B	1103 18:30	1108 15:21	AI
Potassium, Total	770	mg/kg	110	1	6010B	1103 18:30	1108 15:21	AI
Selenium, Total	ND	mg/kg	0.86	1	6010B	1103 18:30	1108 15:21	AI
Silver, Total	ND	mg/kg	0.43	1	6010B	1103 18:30	1108 15:21	AI
Sodium, Total	ND	mg/kg	86	1	6010B	1103 18:30	1108 15:21	AI
Thallium, Total	ND	mg/kg	0.43	1	6010B	1103 18:30	1108 15:21	AI
Vanadium, Total	12	mg/kg	0.43	1	6010B	1103 18:30	1108 15:21	AI
Zinc, Total	110	mg/kg	2.2	1	6010B	1103 18:30	1108 15:21	AI
Volatile Organics by GC/MS 8260				1	8260B		1107 18:21	RY
Methylene chloride	ND	ug/kg	27.					
1,1-Dichloroethane	ND	ug/kg	4.1					
Chloroform	ND	ug/kg	4.1					
Carbon tetrachloride	ND	ug/kg	2.7					
1,2-Dichloropropane	ND	ug/kg	9.6					
Dibromochloromethane	ND	ug/kg	2.7					
1,1,2-Trichloroethane	ND	ug/kg	4.1					
Tetrachloroethene	ND	ug/kg	2.7					
Chlorobenzene	ND	ug/kg	2.7					
Trichlorofluoromethane	ND	ug/kg	14.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-03
AK-SB-2 (1'-2')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		1107 18:21	RY
1,2-Dichloroethane	ND	ug/kg	2.7					
1,1,1-Trichloroethane	ND	ug/kg	2.7					
Bromodichloromethane	ND	ug/kg	2.7					
trans-1,3-Dichloropropene	ND	ug/kg	2.7					
cis-1,3-Dichloropropene	ND	ug/kg	2.7					
1,1-Dichloropropene	ND	ug/kg	14.					
Bromoform	ND	ug/kg	11.					
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.7					
Benzene	ND	ug/kg	2.7					
Toluene	ND	ug/kg	4.1					
Ethylbenzene	ND	ug/kg	2.7					
Chloromethane	ND	ug/kg	14.					
Bromomethane	ND	ug/kg	5.5					
Vinyl chloride	ND	ug/kg	5.5					
Chloroethane	ND	ug/kg	5.5					
1,1-Dichloroethene	ND	ug/kg	2.7					
trans-1,2-Dichloroethene	ND	ug/kg	4.1					
Trichloroethene	ND	ug/kg	2.7					
1,2-Dichlorobenzene	ND	ug/kg	14.					
1,3-Dichlorobenzene	ND	ug/kg	14.					
1,4-Dichlorobenzene	ND	ug/kg	14.					
Methyl tert butyl ether	ND	ug/kg	5.5					
p/m-Xylene	ND	ug/kg	5.5					
o-Xylene	ND	ug/kg	5.5					
cis-1,2-Dichloroethene	ND	ug/kg	2.7					
Dibromomethane	ND	ug/kg	27.					
1,4-Dichlorobutane	ND	ug/kg	27.					
Iodomethane	ND	ug/kg	27.					
1,2,3-Trichloropropane	ND	ug/kg	27.					
Styrene	ND	ug/kg	5.5					
Dichlorodifluoromethane	ND	ug/kg	27.					
Acetone	ND	ug/kg	27.					
Carbon disulfide	ND	ug/kg	27.					
2-Butanone	ND	ug/kg	27.					
Vinyl acetate	ND	ug/kg	27.					
4-Methyl-2-pentanone	ND	ug/kg	27.					
2-Hexanone	ND	ug/kg	27.					
Ethyl methacrylate	ND	ug/kg	27.					
Acrolein	ND	ug/kg	69.					
Acrylonitrile	ND	ug/kg	11.					
Bromochloromethane	ND	ug/kg	14.					
Tetrahydrofuran	ND	ug/kg	55.					
2,2-Dichloropropane	ND	ug/kg	14.					
1,2-Dibromoethane	ND	ug/kg	11.					
1,3-Dichloropropane	ND	ug/kg	14.					
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.7					
Bromobenzene	ND	ug/kg	14.					
n-Butylbenzene	ND	ug/kg	2.7					
sec-Butylbenzene	ND	ug/kg	2.7					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-03
AK-SB-2 (1'-2')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		1107 18:21	RY
tert-Butylbenzene	ND	ug/kg	14.					
o-Chlorotoluene	ND	ug/kg	14.					
p-Chlorotoluene	ND	ug/kg	14.					
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.					
Hexachlorobutadiene	ND	ug/kg	14.					
Isopropylbenzene	ND	ug/kg	2.7					
p-Isopropyltoluene	ND	ug/kg	2.7					
Naphthalene	21	ug/kg	14					
n-Propylbenzene	ND	ug/kg	2.7					
1,2,3-Trichlorobenzene	ND	ug/kg	14.					
1,2,4-Trichlorobenzene	ND	ug/kg	14.					
1,3,5-Trimethylbenzene	ND	ug/kg	14.					
1,2,4-Trimethylbenzene	ND	ug/kg	14.					
trans-1,4-Dichloro-2-butene	ND	ug/kg	14.					
Ethyl ether	ND	ug/kg	14.					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	108	%	70-130					
Toluene-d8	99.0	%	70-130					
4-Bromofluorobenzene	120	%	70-130					
Dibromofluoromethane	102	%	70-130					
SVOC's by GC/MS 8270				1	8270C	1103 20:35	1106 16:51	RL
Acenaphthene	ND	ug/kg	370					
Benzidine	ND	ug/kg	3700					
1,2,4-Trichlorobenzene	ND	ug/kg	370					
Hexachlorobenzene	ND	ug/kg	370					
Bis(2-chloroethyl)ether	ND	ug/kg	370					
1-Chloronaphthalene	ND	ug/kg	370					
2-Chloronaphthalene	ND	ug/kg	440					
1,2-Dichlorobenzene	ND	ug/kg	370					
1,3-Dichlorobenzene	ND	ug/kg	370					
1,4-Dichlorobenzene	ND	ug/kg	370					
3,3'-Dichlorobenzidine	ND	ug/kg	730					
2,4-Dinitrotoluene	ND	ug/kg	370					
2,6-Dinitrotoluene	ND	ug/kg	370					
Azobenzene	ND	ug/kg	370					
Fluoranthene	4400	ug/kg	370					
4-Chlorophenyl phenyl ether	ND	ug/kg	370					
4-Bromophenyl phenyl ether	ND	ug/kg	370					
Bis(2-chloroisopropyl)ether	ND	ug/kg	370					
Bis(2-chloroethoxy)methane	ND	ug/kg	370					
Hexachlorobutadiene	ND	ug/kg	730					
Hexachlorocyclopentadiene	ND	ug/kg	730					
Hexachloroethane	ND	ug/kg	370					
Isophorone	ND	ug/kg	370					
Naphthalene	ND	ug/kg	370					
Nitrobenzene	ND	ug/kg	370					
NDPA/DPA	ND	ug/kg	1100					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-03
AK-SB-2 (1'-2')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1106 16:51	RL
n-Nitrosodi-n-propylamine	ND	ug/kg	370					
Bis(2-ethylhexyl)phthalate	ND	ug/kg	730					
Butyl benzyl phthalate	ND	ug/kg	370					
Di-n-butylphthalate	ND	ug/kg	370					
Di-n-octylphthalate	ND	ug/kg	370					
Diethyl phthalate	ND	ug/kg	370					
Dimethyl phthalate	ND	ug/kg	370					
Benzo(a)anthracene	2000	ug/kg	370					
Benzo(a)pyrene	1800	ug/kg	370					
Benzo(b)fluoranthene	1600	ug/kg	370					
Benzo(k)fluoranthene	1600	ug/kg	370					
Chrysene	2000	ug/kg	370					
Acenaphthylene	ND	ug/kg	370					
Anthracene	600	ug/kg	370					
Benzo(ghi)perylene	1100	ug/kg	370					
Fluorene	ND	ug/kg	370					
Phenanthrene	2500	ug/kg	370					
Dibenzo(a,h)anthracene	440	ug/kg	370					
Indeno(1,2,3-cd)pyrene	1300	ug/kg	370					
Pyrene	3700	ug/kg	370					
Benzo(e)pyrene	1200	ug/kg	370					
Biphenyl	ND	ug/kg	370					
Perylene	480	ug/kg	370					
Aniline	ND	ug/kg	730					
4-Chloroaniline	ND	ug/kg	370					
1-Methylnaphthalene	ND	ug/kg	370					
2-Nitroaniline	ND	ug/kg	370					
3-Nitroaniline	ND	ug/kg	370					
4-Nitroaniline	ND	ug/kg	510					
Dibenzofuran	ND	ug/kg	370					
a,a-Dimethylphenethylamine	ND	ug/kg	3700					
Hexachloropropene	ND	ug/kg	730					
Nitrosodi-n-butylamine	ND	ug/kg	730					
2-Methylnaphthalene	ND	ug/kg	370					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1500					
Pentachlorobenzene	ND	ug/kg	1500					
a-Naphthylamine	ND	ug/kg	1500					
b-Naphthylamine	ND	ug/kg	1500					
Phenacetin	ND	ug/kg	730					
Dimethoate	ND	ug/kg	1500					
4-Aminobiphenyl	ND	ug/kg	730					
Pentachloronitrobenzene	ND	ug/kg	730					
Isodrin	ND	ug/kg	730					
p-Dimethylaminoazobenzene	ND	ug/kg	730					
Chlorobenzilate	ND	ug/kg	1500					
3-Methylcholanthrene	ND	ug/kg	1500					
Ethyl Methanesulfonate	ND	ug/kg	1100					
Acetophenone	ND	ug/kg	1500					
Nitrosodipiperidine	ND	ug/kg	1500					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-03
AK-SB-2 (1'-2')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1106 16:51	RL
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	730					
n-Nitrosodimethylamine	ND	ug/kg	3700					
2,4,6-Trichlorophenol	ND	ug/kg	370					
p-Chloro-m-cresol	ND	ug/kg	370					
2-Chlorophenol	ND	ug/kg	440					
2,4-Dichlorophenol	ND	ug/kg	730					
2,4-Dimethylphenol	ND	ug/kg	370					
2-Nitrophenol	ND	ug/kg	1500					
4-Nitrophenol	ND	ug/kg	730					
2,4-Dinitrophenol	ND	ug/kg	1500					
4,6-Dinitro-o-cresol	ND	ug/kg	1500					
Pentachlorophenol	ND	ug/kg	1500					
Phenol	680	ug/kg	510					
2-Methylphenol	ND	ug/kg	440					
3-Methylphenol/4-Methylphenol	ND	ug/kg	440					
2,4,5-Trichlorophenol	ND	ug/kg	370					
2,6-Dichlorophenol	ND	ug/kg	730					
Benzoic Acid	ND	ug/kg	3700					
Benzyl Alcohol	ND	ug/kg	730					
Carbazole	ND	ug/kg	370					
Pyridine	ND	ug/kg	3700					
2-Picoline	ND	ug/kg	1500					
Pronamide	ND	ug/kg	1500					
Methyl methanesulfonate	ND	ug/kg	1500					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	68.0	%	25-120					
Phenol-d6	107	%	10-120					
Nitrobenzene-d5	75.0	%	23-120					
2-Fluorobiphenyl	82.0	%	30-120					
2,4,6-Tribromophenol	91.0	%	19-120					
4-Terphenyl-d14	108	%	18-120					
PAH by GC/MS SIM 8270M				1	8270C-M	1103 20:35	1106 18:40	RL
Acenaphthene	280	ug/kg	73					
2-Chloronaphthalene	ND	ug/kg	73.					
Fluoranthene	4900	ug/kg	73					
Hexachlorobutadiene	ND	ug/kg	180					
Naphthalene	110	ug/kg	73					
Benzo(a)anthracene	3500	ug/kg	73					
Benzo(a)pyrene	3200	ug/kg	73					
Benzo(b)fluoranthene	2300	ug/kg	73					
Benzo(k)fluoranthene	2200	ug/kg	73					
Chrysene	2400	ug/kg	73					
Acenaphthylene	140	ug/kg	73					
Anthracene	870	ug/kg	73					
Benzo(ghi)perylene	890	ug/kg	73					
Fluorene	240	ug/kg	73					
Phenanthrene	2900	ug/kg	73					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-03
AK-SB-2 (1'-2')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	1103 20:35	1106 18:40	RL
Dibenzo(a,h)anthracene	290	ug/kg	73					
Indeno(1,2,3-cd)Pyrene	1000	ug/kg	73					
Pyrene	5000	ug/kg	73					
1-Methylnaphthalene	ND	ug/kg	73.					
2-Methylnaphthalene	76	ug/kg	73					
Pentachlorophenol	ND	ug/kg	290					
Hexachlorobenzene	ND	ug/kg	290					
Perylene	510	ug/kg	73					
Biphenyl	ND	ug/kg	73.					
2,6-Dimethylnaphthalene	ND	ug/kg	73.					
1-Methylphenanthrene	340	ug/kg	73					
Benzo(e)Pyrene	1300	ug/kg	73					
Hexachloroethane	ND	ug/kg	290					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	78.0	%	25-120					
Phenol-d6	120	%	10-120					
Nitrobenzene-d5	78.0	%	23-120					
2-Fluorobiphenyl	79.0	%	30-120					
2,4,6-Tribromophenol	94.0	%	19-120					
4-Terphenyl-d14	104	%	18-120					
Polychlorinated Biphenyls				1	8082	1103 16:00	1108 00:35	AK
Aroclor 1016	ND	ug/kg	36.6					
Aroclor 1221	ND	ug/kg	36.6					
Aroclor 1232	ND	ug/kg	36.6					
Aroclor 1242	ND	ug/kg	36.6					
Aroclor 1248	ND	ug/kg	36.6					
Aroclor 1254	ND	ug/kg	36.6					
Aroclor 1260	ND	ug/kg	36.6					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	48.0	%	30-150					
Decachlorobiphenyl	36.0	%	30-150					
Organochlorine Pesticides				1	8081	1103 21:40	1108 05:24	JB
Delta-BHC	ND	ug/kg	36.6					
Lindane	ND	ug/kg	36.6					
Alpha-BHC	ND	ug/kg	36.6					
Beta-BHC	ND	ug/kg	36.6					
Heptachlor	ND	ug/kg	36.6					
Aldrin	ND	ug/kg	36.6					
Heptachlor epoxide	ND	ug/kg	36.6					
Endrin	ND	ug/kg	36.6					
Endrin aldehyde	ND	ug/kg	36.6					
Endrin ketone	ND	ug/kg	36.6					
Dieldrin	ND	ug/kg	36.6					
4,4'-DDE	ND	ug/kg	36.6					
4,4'-DDD	ND	ug/kg	36.6					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-03
AK-SB-2 (1'-2')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Organochlorine Pesticides cont'd				1	8081	1103 21:40	1108 05:24	JB
4,4'-DDT	ND	ug/kg	36.6					
Endosulfan I	ND	ug/kg	36.6					
Endosulfan II	ND	ug/kg	36.6					
Endosulfan sulfate	ND	ug/kg	36.6					
Methoxychlor	ND	ug/kg	146.					
Toxaphene	ND	ug/kg	146.					
Chlordane	ND	ug/kg	146.					
cis-Chlordane	ND	ug/kg	36.6					
trans-Chlordane	ND	ug/kg	36.6					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	ND	%	30-150					
Decachlorobiphenyl	ND	%	30-150					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0615863-04
AK-SB-2 (9'-10')
Sample Matrix: SOIL

Date Collected: 01-NOV-2006 09:45
Date Received : 02-NOV-2006
Date Reported : 09-NOV-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	89	%	0.10	30	2540G		1107 12:01	PD
Total Metals				1	3051			
Aluminum, Total	5400	mg/kg	4.5	1	6010B	1103 18:30	1108 15:26	AI
Antimony, Total	2.7	mg/kg	2.2	1	6010B	1103 18:30	1108 15:26	AI
Arsenic, Total	5.2	mg/kg	0.45	1	6010B	1103 18:30	1108 15:26	AI
Barium, Total	330	mg/kg	0.45	1	6010B	1103 18:30	1108 15:26	AI
Beryllium, Total	ND	mg/kg	2.2	1	6010B	1103 18:30	1109 10:32	AI
Cadmium, Total	0.85	mg/kg	0.45	1	6010B	1103 18:30	1108 15:26	AI
Calcium, Total	49000	mg/kg	45	1	6010B	1103 18:30	1109 10:32	AI
Chromium, Total	25	mg/kg	0.45	1	6010B	1103 18:30	1108 15:26	AI
Cobalt, Total	5.2	mg/kg	0.89	1	6010B	1103 18:30	1108 15:26	AI
Copper, Total	140	mg/kg	0.45	1	6010B	1103 18:30	1108 15:26	AI
Iron, Total	10000	mg/kg	2.2	1	6010B	1103 18:30	1108 15:26	AI
Lead, Total	320	mg/kg	2.2	1	6010B	1103 18:30	1108 15:26	AI
Magnesium, Total	8600	mg/kg	4.5	1	6010B	1103 18:30	1108 15:26	AI
Manganese, Total	150	mg/kg	0.45	1	6010B	1103 18:30	1108 15:26	AI
Mercury, Total	ND	mg/kg	0.09	1	7471A	1106 16:25	1107 10:25	DM
Nickel, Total	14	mg/kg	1.1	1	6010B	1103 18:30	1108 15:26	AI
Potassium, Total	1600	mg/kg	110	1	6010B	1103 18:30	1108 15:26	AI
Selenium, Total	ND	mg/kg	0.89	1	6010B	1103 18:30	1108 15:26	AI
Silver, Total	ND	mg/kg	0.45	1	6010B	1103 18:30	1108 15:26	AI
Sodium, Total	240	mg/kg	89	1	6010B	1103 18:30	1108 15:26	AI
Thallium, Total	ND	mg/kg	0.45	1	6010B	1103 18:30	1108 15:26	AI
Vanadium, Total	25	mg/kg	0.45	1	6010B	1103 18:30	1108 15:26	AI
Zinc, Total	690	mg/kg	2.2	1	6010B	1103 18:30	1108 15:26	AI
Volatile Organics by GC/MS 8260				1	8260B		1107 18:57	RY
Methylene chloride	ND	ug/kg	28.					
1,1-Dichloroethane	ND	ug/kg	4.2					
Chloroform	ND	ug/kg	4.2					
Carbon tetrachloride	ND	ug/kg	2.8					
1,2-Dichloropropane	ND	ug/kg	9.8					
Dibromochloromethane	ND	ug/kg	2.8					
1,1,2-Trichloroethane	ND	ug/kg	4.2					
Tetrachloroethene	ND	ug/kg	2.8					
Chlorobenzene	ND	ug/kg	2.8					
Trichlorofluoromethane	ND	ug/kg	14.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-04
AK-SB-2 (9'-10')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		1107 18:57	RY
1,2-Dichloroethane	ND	ug/kg	2.8					
1,1,1-Trichloroethane	ND	ug/kg	2.8					
Bromodichloromethane	ND	ug/kg	2.8					
trans-1,3-Dichloropropene	ND	ug/kg	2.8					
cis-1,3-Dichloropropene	ND	ug/kg	2.8					
1,1-Dichloropropene	ND	ug/kg	14.					
Bromoform	ND	ug/kg	11.					
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.8					
Benzene	ND	ug/kg	2.8					
Toluene	ND	ug/kg	4.2					
Ethylbenzene	ND	ug/kg	2.8					
Chloromethane	ND	ug/kg	14.					
Bromomethane	ND	ug/kg	5.6					
Vinyl chloride	ND	ug/kg	5.6					
Chloroethane	ND	ug/kg	5.6					
1,1-Dichloroethene	ND	ug/kg	2.8					
trans-1,2-Dichloroethene	ND	ug/kg	4.2					
Trichloroethene	ND	ug/kg	2.8					
1,2-Dichlorobenzene	ND	ug/kg	14.					
1,3-Dichlorobenzene	ND	ug/kg	14.					
1,4-Dichlorobenzene	ND	ug/kg	14.					
Methyl tert butyl ether	ND	ug/kg	5.6					
p/m-Xylene	ND	ug/kg	5.6					
o-Xylene	ND	ug/kg	5.6					
cis-1,2-Dichloroethene	ND	ug/kg	2.8					
Dibromomethane	ND	ug/kg	28.					
1,4-Dichlorobutane	ND	ug/kg	28.					
Iodomethane	ND	ug/kg	28.					
1,2,3-Trichloropropane	ND	ug/kg	28.					
Styrene	ND	ug/kg	5.6					
Dichlorodifluoromethane	ND	ug/kg	28.					
Acetone	ND	ug/kg	28.					
Carbon disulfide	ND	ug/kg	28.					
2-Butanone	ND	ug/kg	28.					
Vinyl acetate	ND	ug/kg	28.					
4-Methyl-2-pentanone	ND	ug/kg	28.					
2-Hexanone	ND	ug/kg	28.					
Ethyl methacrylate	ND	ug/kg	28.					
Acrolein	ND	ug/kg	70.					
Acrylonitrile	ND	ug/kg	11.					
Bromochloromethane	ND	ug/kg	14.					
Tetrahydrofuran	ND	ug/kg	56.					
2,2-Dichloropropane	ND	ug/kg	14.					
1,2-Dibromoethane	ND	ug/kg	11.					
1,3-Dichloropropane	ND	ug/kg	14.					
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.8					
Bromobenzene	ND	ug/kg	14.					
n-Butylbenzene	ND	ug/kg	2.8					
sec-Butylbenzene	ND	ug/kg	2.8					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-04
AK-SB-2 (9'-10')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		1107 18:57	RY
tert-Butylbenzene	ND	ug/kg	14.					
o-Chlorotoluene	ND	ug/kg	14.					
p-Chlorotoluene	ND	ug/kg	14.					
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.					
Hexachlorobutadiene	ND	ug/kg	14.					
Isopropylbenzene	ND	ug/kg	2.8					
p-Isopropyltoluene	ND	ug/kg	2.8					
Naphthalene	ND	ug/kg	14.					
n-Propylbenzene	ND	ug/kg	2.8					
1,2,3-Trichlorobenzene	ND	ug/kg	14.					
1,2,4-Trichlorobenzene	ND	ug/kg	14.					
1,3,5-Trimethylbenzene	ND	ug/kg	14.					
1,2,4-Trimethylbenzene	ND	ug/kg	14.					
trans-1,4-Dichloro-2-butene	ND	ug/kg	14.					
Ethyl ether	ND	ug/kg	14.					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	105	%	70-130					
Toluene-d8	95.0	%	70-130					
4-Bromofluorobenzene	106	%	70-130					
Dibromofluoromethane	99.0	%	70-130					
SVOC's by GC/MS 8270				1	8270C	1103 20:35	1107 19:06	RL
Acenaphthene	ND	ug/kg	1900					
Benzidine	ND	ug/kg	19000					
1,2,4-Trichlorobenzene	ND	ug/kg	1900					
Hexachlorobenzene	ND	ug/kg	1900					
Bis(2-chloroethyl)ether	ND	ug/kg	1900					
1-Chloronaphthalene	ND	ug/kg	1900					
2-Chloronaphthalene	ND	ug/kg	2200					
1,2-Dichlorobenzene	ND	ug/kg	1900					
1,3-Dichlorobenzene	ND	ug/kg	1900					
1,4-Dichlorobenzene	ND	ug/kg	1900					
3,3'-Dichlorobenzidine	ND	ug/kg	3700					
2,4-Dinitrotoluene	ND	ug/kg	1900					
2,6-Dinitrotoluene	ND	ug/kg	1900					
Azobenzene	ND	ug/kg	1900					
Fluoranthene	19000	ug/kg	1900					
4-Chlorophenyl phenyl ether	ND	ug/kg	1900					
4-Bromophenyl phenyl ether	ND	ug/kg	1900					
Bis(2-chloroisopropyl)ether	ND	ug/kg	1900					
Bis(2-chloroethoxy)methane	ND	ug/kg	1900					
Hexachlorobutadiene	ND	ug/kg	3700					
Hexachlorocyclopentadiene	ND	ug/kg	3700					
Hexachloroethane	ND	ug/kg	1900					
Isophorone	ND	ug/kg	1900					
Naphthalene	ND	ug/kg	1900					
Nitrobenzene	ND	ug/kg	1900					
NDPA/DPA	ND	ug/kg	5600					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-04
AK-SB-2 (9'-10')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1107 19:06	RL
n-Nitrosodi-n-propylamine	ND	ug/kg	1900					
Bis(2-ethylhexyl)phthalate	ND	ug/kg	3700					
Butyl benzyl phthalate	ND	ug/kg	1900					
Di-n-butylphthalate	ND	ug/kg	1900					
Di-n-octylphthalate	ND	ug/kg	1900					
Diethyl phthalate	ND	ug/kg	1900					
Dimethyl phthalate	ND	ug/kg	1900					
Benzo(a)anthracene	7600	ug/kg	1900					
Benzo(a)pyrene	6900	ug/kg	1900					
Benzo(b)fluoranthene	6900	ug/kg	1900					
Benzo(k)fluoranthene	5700	ug/kg	1900					
Chrysene	8000	ug/kg	1900					
Acenaphthylene	ND	ug/kg	1900					
Anthracene	2100	ug/kg	1900					
Benzo(ghi)perylene	4500	ug/kg	1900					
Fluorene	ND	ug/kg	1900					
Phenanthrene	9800	ug/kg	1900					
Dibenzo(a,h)anthracene	ND	ug/kg	1900					
Indeno(1,2,3-cd)pyrene	5200	ug/kg	1900					
Pyrene	16000	ug/kg	1900					
Benzo(e)pyrene	4800	ug/kg	1900					
Biphenyl	ND	ug/kg	1900					
Perylene	ND	ug/kg	1900					
Aniline	ND	ug/kg	3700					
4-Chloroaniline	ND	ug/kg	1900					
1-Methylnaphthalene	ND	ug/kg	1900					
2-Nitroaniline	ND	ug/kg	1900					
3-Nitroaniline	ND	ug/kg	1900					
4-Nitroaniline	ND	ug/kg	2600					
Dibenzofuran	ND	ug/kg	1900					
a,a-Dimethylphenethylamine	ND	ug/kg	19000					
Hexachloropropene	ND	ug/kg	3700					
Nitrosodi-n-butylamine	ND	ug/kg	3700					
2-Methylnaphthalene	ND	ug/kg	1900					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	7500					
Pentachlorobenzene	ND	ug/kg	7500					
a-Naphthylamine	ND	ug/kg	7500					
b-Naphthylamine	ND	ug/kg	7500					
Phenacetin	ND	ug/kg	3700					
Dimethoate	ND	ug/kg	7500					
4-Aminobiphenyl	ND	ug/kg	3700					
Pentachloronitrobenzene	ND	ug/kg	3700					
Isodrin	ND	ug/kg	3700					
p-Dimethylaminoazobenzene	ND	ug/kg	3700					
Chlorobenzilate	ND	ug/kg	7500					
3-Methylcholanthrene	ND	ug/kg	7500					
Ethyl Methanesulfonate	ND	ug/kg	5600					
Acetophenone	ND	ug/kg	7500					
Nitrosodipiperidine	ND	ug/kg	7500					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-04
AK-SB-2 (9'-10')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1107 19:06	RL
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	3700					
n-Nitrosodimethylamine	ND	ug/kg	19000					
2,4,6-Trichlorophenol	ND	ug/kg	1900					
p-Chloro-m-cresol	ND	ug/kg	1900					
2-Chlorophenol	ND	ug/kg	2200					
2,4-Dichlorophenol	ND	ug/kg	3700					
2,4-Dimethylphenol	ND	ug/kg	1900					
2-Nitrophenol	ND	ug/kg	7500					
4-Nitrophenol	ND	ug/kg	3700					
2,4-Dinitrophenol	ND	ug/kg	7500					
4,6-Dinitro-o-cresol	ND	ug/kg	7500					
Pentachlorophenol	ND	ug/kg	7500					
Phenol	ND	ug/kg	2600					
2-Methylphenol	ND	ug/kg	2200					
3-Methylphenol/4-Methylphenol	ND	ug/kg	2200					
2,4,5-Trichlorophenol	ND	ug/kg	1900					
2,6-Dichlorophenol	ND	ug/kg	3700					
Benzoic Acid	ND	ug/kg	19000					
Benzyl Alcohol	ND	ug/kg	3700					
Carbazole	ND	ug/kg	1900					
Pyridine	ND	ug/kg	19000					
2-Picoline	ND	ug/kg	7500					
Pronamide	ND	ug/kg	7500					
Methyl methanesulfonate	ND	ug/kg	7500					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	67.0	%	25-120					
Phenol-d6	100	%	10-120					
Nitrobenzene-d5	72.0	%	23-120					
2-Fluorobiphenyl	79.0	%	30-120					
2,4,6-Tribromophenol	87.0	%	19-120					
4-Terphenyl-d14	96.0	%	18-120					
PAH by GC/MS SIM 8270M				1	8270C-M	1103 20:35	1108 02:13	RL
Acenaphthene	490	ug/kg	300					
2-Chloronaphthalene	ND	ug/kg	300					
Fluoranthene	20000	ug/kg	300					
Hexachlorobutadiene	ND	ug/kg	750					
Naphthalene	440	ug/kg	300					
Benzo(a)anthracene	11000	ug/kg	300					
Benzo(a)pyrene	6400	ug/kg	300					
Benzo(b)fluoranthene	9500	ug/kg	300					
Benzo(k)fluoranthene	8300	ug/kg	300					
Chrysene	9700	ug/kg	300					
Acenaphthylene	ND	ug/kg	300					
Anthracene	2600	ug/kg	300					
Benzo(ghi)perylene	5200	ug/kg	300					
Fluorene	610	ug/kg	300					
Phenanthrene	10000	ug/kg	300					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-04
AK-SB-2 (9'-10')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	1103 20:35	1108 02:13	RL
Dibenzo(a,h)anthracene	1200	ug/kg	300					
Indeno(1,2,3-cd)Pyrene	4400	ug/kg	300					
Pyrene	17000	ug/kg	300					
1-Methylnaphthalene	ND	ug/kg	300					
2-Methylnaphthalene	ND	ug/kg	300					
Pentachlorophenol	ND	ug/kg	1200					
Hexachlorobenzene	ND	ug/kg	1200					
Perylene	1900	ug/kg	300					
Biphenyl	ND	ug/kg	300					
2,6-Dimethylnaphthalene	ND	ug/kg	300					
1-Methylphenanthrene	1300	ug/kg	300					
Benzo(e)Pyrene	6300	ug/kg	300					
Hexachloroethane	ND	ug/kg	1200					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	66.0	%	25-120					
Phenol-d6	100	%	10-120					
Nitrobenzene-d5	74.0	%	23-120					
2-Fluorobiphenyl	78.0	%	30-120					
2,4,6-Tribromophenol	86.0	%	19-120					
4-Terphenyl-d14	96.0	%	18-120					
Polychlorinated Biphenyls				1	8082	1103 16:00	1108 01:04	AK
Aroclor 1016	ND	ug/kg	37.4					
Aroclor 1221	ND	ug/kg	37.4					
Aroclor 1232	ND	ug/kg	37.4					
Aroclor 1242	ND	ug/kg	37.4					
Aroclor 1248	ND	ug/kg	37.4					
Aroclor 1254	81.6	ug/kg	37.4					
Aroclor 1260	43.3	ug/kg	37.4					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	47.0	%	30-150					
Decachlorobiphenyl	41.0	%	30-150					
Organochlorine Pesticides				1	8081	1103 21:40	1108 01:06	JB
4,4'-DDT	180	ug/kg	74.9					
Organochlorine Pesticides				1	8081	1103 21:40	1108 05:52	JB
Delta-BHC	ND	ug/kg	18.7					
Lindane	ND	ug/kg	18.7					
Alpha-BHC	ND	ug/kg	18.7					
Beta-BHC	ND	ug/kg	18.7					
Heptachlor	ND	ug/kg	18.7					
Aldrin	ND	ug/kg	18.7					
Heptachlor epoxide	ND	ug/kg	18.7					
Endrin	ND	ug/kg	18.7					
Endrin aldehyde	ND	ug/kg	18.7					
Endrin ketone	ND	ug/kg	18.7					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-04
AK-SB-2 (9'-10')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Organochlorine Pesticides cont'd				1	8081	1103 21:40	1108 05:52	JB
Dieldrin	ND	ug/kg	18.7					
4,4'-DDE	19.8	ug/kg	18.7					
4,4'-DDD	24.2	ug/kg	18.7					
4,4'-DDT	>213	ug/kg	18.7					
Endosulfan I	ND	ug/kg	18.7					
Endosulfan II	ND	ug/kg	18.7					
Endosulfan sulfate	ND	ug/kg	18.7					
Methoxychlor	ND	ug/kg	74.9					
Toxaphene	ND	ug/kg	74.9					
Chlordane	ND	ug/kg	74.9					
cis-Chlordane	ND	ug/kg	18.7					
trans-Chlordane	ND	ug/kg	18.7					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	70.0	%	30-150					
Decachlorobiphenyl	127	%	30-150					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0615863-05
AK-SB-3 (2'-3')
Sample Matrix: SOIL

Date Collected: 01-NOV-2006 10:05
Date Received : 02-NOV-2006
Date Reported : 09-NOV-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	90	%	0.10	30	2540G		1107 12:01	PD
Total Metals				1	3051			
Aluminum, Total	4800	mg/kg	4.4	1	6010B	1103 18:30	1108 15:30	AI
Antimony, Total	ND	mg/kg	2.2	1	6010B	1103 18:30	1108 15:30	AI
Arsenic, Total	4.7	mg/kg	0.44	1	6010B	1103 18:30	1108 15:30	AI
Barium, Total	96	mg/kg	0.44	1	6010B	1103 18:30	1108 15:30	AI
Beryllium, Total	ND	mg/kg	0.22	1	6010B	1103 18:30	1108 15:30	AI
Cadmium, Total	0.71	mg/kg	0.44	1	6010B	1103 18:30	1108 15:30	AI
Calcium, Total	41000	mg/kg	44	1	6010B	1103 18:30	1109 10:36	AI
Chromium, Total	13	mg/kg	0.44	1	6010B	1103 18:30	1108 15:30	AI
Cobalt, Total	4.9	mg/kg	0.87	1	6010B	1103 18:30	1108 15:30	AI
Copper, Total	81	mg/kg	0.44	1	6010B	1103 18:30	1108 15:30	AI
Iron, Total	14000	mg/kg	2.2	1	6010B	1103 18:30	1108 15:30	AI
Lead, Total	220	mg/kg	2.2	1	6010B	1103 18:30	1108 15:30	AI
Magnesium, Total	16000	mg/kg	44	1	6010B	1103 18:30	1109 10:36	AI
Manganese, Total	190	mg/kg	0.44	1	6010B	1103 18:30	1108 15:30	AI
Mercury, Total	0.43	mg/kg	0.09	1	7471A	1106 16:25	1107 10:27	DM
Nickel, Total	12	mg/kg	1.1	1	6010B	1103 18:30	1108 15:30	AI
Potassium, Total	1200	mg/kg	110	1	6010B	1103 18:30	1108 15:30	AI
Selenium, Total	ND	mg/kg	0.87	1	6010B	1103 18:30	1108 15:30	AI
Silver, Total	ND	mg/kg	0.44	1	6010B	1103 18:30	1108 15:30	AI
Sodium, Total	150	mg/kg	87	1	6010B	1103 18:30	1108 15:30	AI
Thallium, Total	ND	mg/kg	0.44	1	6010B	1103 18:30	1108 15:30	AI
Vanadium, Total	27	mg/kg	0.44	1	6010B	1103 18:30	1108 15:30	AI
Zinc, Total	320	mg/kg	2.2	1	6010B	1103 18:30	1108 15:30	AI
Volatile Organics by GC/MS 8260				1	8260B		1107 19:32	RY
Methylene chloride	ND	ug/kg	28.					
1,1-Dichloroethane	ND	ug/kg	4.2					
Chloroform	ND	ug/kg	4.2					
Carbon tetrachloride	ND	ug/kg	2.8					
1,2-Dichloropropane	ND	ug/kg	9.7					
Dibromochloromethane	ND	ug/kg	2.8					
1,1,2-Trichloroethane	ND	ug/kg	4.2					
Tetrachloroethene	ND	ug/kg	2.8					
Chlorobenzene	ND	ug/kg	2.8					
Trichlorofluoromethane	ND	ug/kg	14.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-05
AK-SB-3 (2'-3')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1 8260B		1107 19:32	RY
1,2-Dichloroethane	ND	ug/kg	2.8				
1,1,1-Trichloroethane	ND	ug/kg	2.8				
Bromodichloromethane	ND	ug/kg	2.8				
trans-1,3-Dichloropropene	ND	ug/kg	2.8				
cis-1,3-Dichloropropene	ND	ug/kg	2.8				
1,1-Dichloropropene	ND	ug/kg	14.				
Bromoform	ND	ug/kg	11.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.8				
Benzene	ND	ug/kg	2.8				
Toluene	ND	ug/kg	4.2				
Ethylbenzene	ND	ug/kg	2.8				
Chloromethane	ND	ug/kg	14.				
Bromomethane	ND	ug/kg	5.6				
Vinyl chloride	ND	ug/kg	5.6				
Chloroethane	ND	ug/kg	5.6				
1,1-Dichloroethene	ND	ug/kg	2.8				
trans-1,2-Dichloroethene	ND	ug/kg	4.2				
Trichloroethene	ND	ug/kg	2.8				
1,2-Dichlorobenzene	ND	ug/kg	14.				
1,3-Dichlorobenzene	ND	ug/kg	14.				
1,4-Dichlorobenzene	ND	ug/kg	14.				
Methyl tert butyl ether	ND	ug/kg	5.6				
p/m-Xylene	ND	ug/kg	5.6				
o-Xylene	ND	ug/kg	5.6				
cis-1,2-Dichloroethene	ND	ug/kg	2.8				
Dibromomethane	ND	ug/kg	28.				
1,4-Dichlorobutane	ND	ug/kg	28.				
Iodomethane	ND	ug/kg	28.				
1,2,3-Trichloropropane	ND	ug/kg	28.				
Styrene	ND	ug/kg	5.6				
Dichlorodifluoromethane	ND	ug/kg	28.				
Acetone	ND	ug/kg	28.				
Carbon disulfide	ND	ug/kg	28.				
2-Butanone	ND	ug/kg	28.				
Vinyl acetate	ND	ug/kg	28.				
4-Methyl-2-pentanone	ND	ug/kg	28.				
2-Hexanone	ND	ug/kg	28.				
Ethyl methacrylate	ND	ug/kg	28.				
Acrolein	ND	ug/kg	69.				
Acrylonitrile	ND	ug/kg	11.				
Bromochloromethane	ND	ug/kg	14.				
Tetrahydrofuran	ND	ug/kg	56.				
2,2-Dichloropropane	ND	ug/kg	14.				
1,2-Dibromoethane	ND	ug/kg	11.				
1,3-Dichloropropane	ND	ug/kg	14.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.8				
Bromobenzene	ND	ug/kg	14.				
n-Butylbenzene	ND	ug/kg	2.8				
sec-Butylbenzene	ND	ug/kg	2.8				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-05
AK-SB-3 (2'-3')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		1107 19:32	RY
tert-Butylbenzene	ND	ug/kg	14.					
o-Chlorotoluene	ND	ug/kg	14.					
p-Chlorotoluene	ND	ug/kg	14.					
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.					
Hexachlorobutadiene	ND	ug/kg	14.					
Isopropylbenzene	ND	ug/kg	2.8					
p-Isopropyltoluene	ND	ug/kg	2.8					
Naphthalene	23	ug/kg	14					
n-Propylbenzene	ND	ug/kg	2.8					
1,2,3-Trichlorobenzene	ND	ug/kg	14.					
1,2,4-Trichlorobenzene	ND	ug/kg	14.					
1,3,5-Trimethylbenzene	ND	ug/kg	14.					
1,2,4-Trimethylbenzene	ND	ug/kg	14.					
trans-1,4-Dichloro-2-butene	ND	ug/kg	14.					
Ethyl ether	ND	ug/kg	14.					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	112	%	70-130					
Toluene-d8	98.0	%	70-130					
4-Bromofluorobenzene	122	%	70-130					
Dibromofluoromethane	102	%	70-130					
SVOC's by GC/MS 8270				1	8270C	1103 20:35	1106 17:40	RL
Acenaphthene	ND	ug/kg	1800					
Benzidine	ND	ug/kg	18000					
1,2,4-Trichlorobenzene	ND	ug/kg	1800					
Hexachlorobenzene	ND	ug/kg	1800					
Bis(2-chloroethyl)ether	ND	ug/kg	1800					
1-Chloronaphthalene	ND	ug/kg	1800					
2-Chloronaphthalene	ND	ug/kg	2200					
1,2-Dichlorobenzene	ND	ug/kg	1800					
1,3-Dichlorobenzene	ND	ug/kg	1800					
1,4-Dichlorobenzene	ND	ug/kg	1800					
3,3'-Dichlorobenzidine	ND	ug/kg	3700					
2,4-Dinitrotoluene	ND	ug/kg	1800					
2,6-Dinitrotoluene	ND	ug/kg	1800					
Azobenzene	ND	ug/kg	1800					
Fluoranthene	24000	ug/kg	1800					
4-Chlorophenyl phenyl ether	ND	ug/kg	1800					
4-Bromophenyl phenyl ether	ND	ug/kg	1800					
Bis(2-chloroisopropyl)ether	ND	ug/kg	1800					
Bis(2-chloroethoxy)methane	ND	ug/kg	1800					
Hexachlorobutadiene	ND	ug/kg	3700					
Hexachlorocyclopentadiene	ND	ug/kg	3700					
Hexachloroethane	ND	ug/kg	1800					
Isophorone	ND	ug/kg	1800					
Naphthalene	ND	ug/kg	1800					
Nitrobenzene	ND	ug/kg	1800					
NDPA/DPA	ND	ug/kg	5600					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-05
AK-SB-3 (2'-3')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1106 17:40	RL
n-Nitrosodi-n-propylamine	ND	ug/kg	1800					
Bis(2-ethylhexyl)phthalate	ND	ug/kg	3700					
Butyl benzyl phthalate	ND	ug/kg	1800					
Di-n-butylphthalate	ND	ug/kg	1800					
Di-n-octylphthalate	ND	ug/kg	1800					
Diethyl phthalate	ND	ug/kg	1800					
Dimethyl phthalate	ND	ug/kg	1800					
Benzo(a)anthracene	10000	ug/kg	1800					
Benzo(a)pyrene	9600	ug/kg	1800					
Benzo(b)fluoranthene	8900	ug/kg	1800					
Benzo(k)fluoranthene	7400	ug/kg	1800					
Chrysene	9900	ug/kg	1800					
Acenaphthylene	ND	ug/kg	1800					
Anthracene	3800	ug/kg	1800					
Benzo(ghi)perylene	6300	ug/kg	1800					
Fluorene	ND	ug/kg	1800					
Phenanthrene	14000	ug/kg	1800					
Dibenzo(a,h)anthracene	ND	ug/kg	1800					
Indeno(1,2,3-cd)pyrene	6800	ug/kg	1800					
Pyrene	20000	ug/kg	1800					
Benzo(e)pyrene	6200	ug/kg	1800					
Biphenyl	ND	ug/kg	1800					
Perylene	2500	ug/kg	1800					
Aniline	ND	ug/kg	3700					
4-Chloroaniline	ND	ug/kg	1800					
1-Methylnaphthalene	ND	ug/kg	1800					
2-Nitroaniline	ND	ug/kg	1800					
3-Nitroaniline	ND	ug/kg	1800					
4-Nitroaniline	ND	ug/kg	2600					
Dibenzofuran	ND	ug/kg	1800					
a,a-Dimethylphenethylamine	ND	ug/kg	18000					
Hexachloropropene	ND	ug/kg	3700					
Nitrosodi-n-butylamine	ND	ug/kg	3700					
2-Methylnaphthalene	ND	ug/kg	1800					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	7400					
Pentachlorobenzene	ND	ug/kg	7400					
a-Naphthylamine	ND	ug/kg	7400					
b-Naphthylamine	ND	ug/kg	7400					
Phenacetin	ND	ug/kg	3700					
Dimethoate	ND	ug/kg	7400					
4-Aminobiphenyl	ND	ug/kg	3700					
Pentachloronitrobenzene	ND	ug/kg	3700					
Isodrin	ND	ug/kg	3700					
p-Dimethylaminoazobenzene	ND	ug/kg	3700					
Chlorobenzilate	ND	ug/kg	7400					
3-Methylcholanthrene	ND	ug/kg	7400					
Ethyl Methanesulfonate	ND	ug/kg	5600					
Acetophenone	ND	ug/kg	7400					
Nitrosodipiperidine	ND	ug/kg	7400					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-05
AK-SB-3 (2'-3')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1106 17:40	RL
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	3700					
n-Nitrosodimethylamine	ND	ug/kg	18000					
2,4,6-Trichlorophenol	ND	ug/kg	1800					
p-Chloro-m-cresol	ND	ug/kg	1800					
2-Chlorophenol	ND	ug/kg	2200					
2,4-Dichlorophenol	ND	ug/kg	3700					
2,4-Dimethylphenol	ND	ug/kg	1800					
2-Nitrophenol	ND	ug/kg	7400					
4-Nitrophenol	ND	ug/kg	3700					
2,4-Dinitrophenol	ND	ug/kg	7400					
4,6-Dinitro-o-cresol	ND	ug/kg	7400					
Pentachlorophenol	ND	ug/kg	7400					
Phenol	ND	ug/kg	2600					
2-Methylphenol	ND	ug/kg	2200					
3-Methylphenol/4-Methylphenol	ND	ug/kg	2200					
2,4,5-Trichlorophenol	ND	ug/kg	1800					
2,6-Dichlorophenol	ND	ug/kg	3700					
Benzoic Acid	ND	ug/kg	18000					
Benzyl Alcohol	ND	ug/kg	3700					
Carbazole	ND	ug/kg	1800					
Pyridine	ND	ug/kg	18000					
2-Picoline	ND	ug/kg	7400					
Pronamide	ND	ug/kg	7400					
Methyl methanesulfonate	ND	ug/kg	7400					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	78.0	%	25-120					
Phenol-d6	116	%	10-120					
Nitrobenzene-d5	91.0	%	23-120					
2-Fluorobiphenyl	87.0	%	30-120					
2,4,6-Tribromophenol	85.0	%	19-120					
4-Terphenyl-d14	97.0	%	18-120					
PAH by GC/MS SIM 8270M				1	8270C-M	1103 20:35	1106 18:12	RL
Acenaphthene	1300	ug/kg	300					
2-Chloronaphthalene	ND	ug/kg	300					
Fluoranthene	36000	ug/kg	300					
Hexachlorobutadiene	ND	ug/kg	740					
Naphthalene	850	ug/kg	300					
Benzo(a)anthracene	15000	ug/kg	300					
Benzo(a)pyrene	16000	ug/kg	300					
Benzo(b)fluoranthene	16000	ug/kg	300					
Benzo(k)fluoranthene	12000	ug/kg	300					
Chrysene	11000	ug/kg	300					
Acenaphthylene	1700	ug/kg	300					
Anthracene	5300	ug/kg	300					
Benzo(ghi)perylene	7800	ug/kg	300					
Fluorene	1400	ug/kg	300					
Phenanthrene	13000	ug/kg	300					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-05
AK-SB-3 (2'-3')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	1103 20:35	1106 18:12	RL
Dibenzo(a,h)anthracene	1900	ug/kg	300					
Indeno(1,2,3-cd)Pyrene	6800	ug/kg	300					
Pyrene	31000	ug/kg	300					
1-Methylnaphthalene	ND	ug/kg	300					
2-Methylnaphthalene	380	ug/kg	300					
Pentachlorophenol	ND	ug/kg	1200					
Hexachlorobenzene	ND	ug/kg	1200					
Perylene	2600	ug/kg	300					
Biphenyl	ND	ug/kg	300					
2,6-Dimethylnaphthalene	ND	ug/kg	300					
1-Methylphenanthrene	1800	ug/kg	300					
Benzo(e)Pyrene	8700	ug/kg	300					
Hexachloroethane	ND	ug/kg	1200					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	91.0	%	25-120					
Phenol-d6	113	%	10-120					
Nitrobenzene-d5	96.0	%	23-120					
2-Fluorobiphenyl	104	%	30-120					
2,4,6-Tribromophenol	89.0	%	19-120					
4-Terphenyl-d14	113	%	18-120					
Polychlorinated Biphenyls				1	8082	1103 16:00	1108 01:32	AK
Aroclor 1016	ND	ug/kg	37.0					
Aroclor 1221	ND	ug/kg	37.0					
Aroclor 1232	ND	ug/kg	37.0					
Aroclor 1242	ND	ug/kg	37.0					
Aroclor 1248	ND	ug/kg	37.0					
Aroclor 1254	600	ug/kg	37.0					
Aroclor 1260	214	ug/kg	37.0					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	58.0	%	30-150					
Decachlorobiphenyl	59.0	%	30-150					
Organochlorine Pesticides				1	8081	1103 21:40	1108 06:21	JB
Delta-BHC	ND	ug/kg	148.					
Lindane	ND	ug/kg	148.					
Alpha-BHC	ND	ug/kg	148.					
Beta-BHC	ND	ug/kg	148.					
Heptachlor	ND	ug/kg	148.					
Aldrin	ND	ug/kg	148.					
Heptachlor epoxide	ND	ug/kg	148.					
Endrin	ND	ug/kg	148.					
Endrin aldehyde	ND	ug/kg	148.					
Endrin ketone	ND	ug/kg	148.					
Dieldrin	ND	ug/kg	148.					
4,4'-DDE	ND	ug/kg	148.					
4,4'-DDD	ND	ug/kg	148					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-05
AK-SB-3 (2'-3')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Organochlorine Pesticides cont'd				1	8081	1103 21:40	1108 06:21	JB
4,4'-DDT	171	ug/kg	148					
Endosulfan I	ND	ug/kg	148.					
Endosulfan II	ND	ug/kg	148.					
Endosulfan sulfate	ND	ug/kg	148.					
Methoxychlor	ND	ug/kg	592.					
Toxaphene	ND	ug/kg	592.					
Chlordane	ND	ug/kg	592.					
cis-Chlordane	ND	ug/kg	148.					
trans-Chlordane	ND	ug/kg	148.					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	ND	%	30-150					
Decachlorobiphenyl	ND	%	30-150					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0615863-06
AK-SB-3 (9'-10')
Sample Matrix: SOIL

Date Collected: 01-NOV-2006 10:25
Date Received : 02-NOV-2006
Date Reported : 09-NOV-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	82	%	0.10	30	2540G		1107 12:01	PD
Total Metals				1	3051			
Aluminum, Total	3500	mg/kg	4.8	1	6010B	1103 18:30	1108 15:34	AI
Antimony, Total	ND	mg/kg	2.4	1	6010B	1103 18:30	1108 15:34	AI
Arsenic, Total	11	mg/kg	0.48	1	6010B	1103 18:30	1108 15:34	AI
Barium, Total	32	mg/kg	0.48	1	6010B	1103 18:30	1108 15:34	AI
Beryllium, Total	0.67	mg/kg	0.24	1	6010B	1103 18:30	1108 15:34	AI
Cadmium, Total	1.3	mg/kg	0.48	1	6010B	1103 18:30	1108 15:34	AI
Calcium, Total	6200	mg/kg	4.8	1	6010B	1103 18:30	1108 15:34	AI
Chromium, Total	10	mg/kg	0.48	1	6010B	1103 18:30	1108 15:34	AI
Cobalt, Total	20	mg/kg	0.97	1	6010B	1103 18:30	1108 15:34	AI
Copper, Total	54	mg/kg	0.48	1	6010B	1103 18:30	1108 15:34	AI
Iron, Total	74000	mg/kg	24	1	6010B	1103 18:30	1109 10:39	AI
Lead, Total	86	mg/kg	2.4	1	6010B	1103 18:30	1108 15:34	AI
Magnesium, Total	450	mg/kg	4.8	1	6010B	1103 18:30	1108 15:34	AI
Manganese, Total	1300	mg/kg	4.8	1	6010B	1103 18:30	1109 10:39	AI
Mercury, Total	0.20	mg/kg	0.10	1	7471A	1106 16:25	1107 10:32	DM
Nickel, Total	26	mg/kg	1.2	1	6010B	1103 18:30	1108 15:34	AI
Potassium, Total	150	mg/kg	120	1	6010B	1103 18:30	1108 15:34	AI
Selenium, Total	ND	mg/kg	0.97	1	6010B	1103 18:30	1108 15:34	AI
Silver, Total	ND	mg/kg	0.48	1	6010B	1103 18:30	1108 15:34	AI
Sodium, Total	170	mg/kg	97	1	6010B	1103 18:30	1108 15:34	AI
Thallium, Total	ND	mg/kg	0.48	1	6010B	1103 18:30	1108 15:34	AI
Vanadium, Total	37	mg/kg	0.48	1	6010B	1103 18:30	1108 15:34	AI
Zinc, Total	1600	mg/kg	24	1	6010B	1103 18:30	1109 10:39	AI
Volatile Organics by GC/MS 8260				1	8260B		1107 20:08	RY
Methylene chloride	ND	ug/kg	30.					
1,1-Dichloroethane	ND	ug/kg	4.6					
Chloroform	ND	ug/kg	4.6					
Carbon tetrachloride	ND	ug/kg	3.0					
1,2-Dichloropropane	ND	ug/kg	11.					
Dibromochloromethane	ND	ug/kg	3.0					
1,1,2-Trichloroethane	ND	ug/kg	4.6					
Tetrachloroethene	ND	ug/kg	3.0					
Chlorobenzene	ND	ug/kg	3.0					
Trichlorofluoromethane	ND	ug/kg	15.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-06
AK-SB-3 (9'-10')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		1107 20:08	RY
1,2-Dichloroethane	ND	ug/kg	3.0					
1,1,1-Trichloroethane	ND	ug/kg	3.0					
Bromodichloromethane	ND	ug/kg	3.0					
trans-1,3-Dichloropropene	ND	ug/kg	3.0					
cis-1,3-Dichloropropene	ND	ug/kg	3.0					
1,1-Dichloropropene	ND	ug/kg	15.					
Bromoform	ND	ug/kg	12.					
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.0					
Benzene	ND	ug/kg	3.0					
Toluene	ND	ug/kg	4.6					
Ethylbenzene	ND	ug/kg	3.0					
Chloromethane	ND	ug/kg	15.					
Bromomethane	ND	ug/kg	6.1					
Vinyl chloride	ND	ug/kg	6.1					
Chloroethane	ND	ug/kg	6.1					
1,1-Dichloroethene	ND	ug/kg	3.0					
trans-1,2-Dichloroethene	ND	ug/kg	4.6					
Trichloroethene	ND	ug/kg	3.0					
1,2-Dichlorobenzene	ND	ug/kg	15.					
1,3-Dichlorobenzene	ND	ug/kg	15.					
1,4-Dichlorobenzene	ND	ug/kg	15.					
Methyl tert butyl ether	ND	ug/kg	6.1					
p/m-Xylene	ND	ug/kg	6.1					
o-Xylene	ND	ug/kg	6.1					
cis-1,2-Dichloroethene	ND	ug/kg	3.0					
Dibromomethane	ND	ug/kg	30.					
1,4-Dichlorobutane	ND	ug/kg	30.					
Iodomethane	ND	ug/kg	30.					
1,2,3-Trichloropropane	ND	ug/kg	30.					
Styrene	ND	ug/kg	6.1					
Dichlorodifluoromethane	ND	ug/kg	30.					
Acetone	130	ug/kg	30					
Carbon disulfide	ND	ug/kg	30.					
2-Butanone	32	ug/kg	30					
Vinyl acetate	ND	ug/kg	30.					
4-Methyl-2-pentanone	ND	ug/kg	30.					
2-Hexanone	ND	ug/kg	30.					
Ethyl methacrylate	ND	ug/kg	30.					
Acrolein	ND	ug/kg	76.					
Acrylonitrile	ND	ug/kg	12.					
Bromochloromethane	ND	ug/kg	15.					
Tetrahydrofuran	ND	ug/kg	61.					
2,2-Dichloropropane	ND	ug/kg	15.					
1,2-Dibromoethane	ND	ug/kg	12.					
1,3-Dichloropropane	ND	ug/kg	15.					
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.0					
Bromobenzene	ND	ug/kg	15.					
n-Butylbenzene	ND	ug/kg	3.0					
sec-Butylbenzene	ND	ug/kg	3.0					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-06
AK-SB-3 (9'-10')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		1107 20:08	RY
tert-Butylbenzene	ND	ug/kg	15.					
o-Chlorotoluene	ND	ug/kg	15.					
p-Chlorotoluene	ND	ug/kg	15.					
1,2-Dibromo-3-chloropropane	ND	ug/kg	15.					
Hexachlorobutadiene	ND	ug/kg	15.					
Isopropylbenzene	ND	ug/kg	3.0					
p-Isopropyltoluene	ND	ug/kg	3.0					
Naphthalene	ND	ug/kg	15.					
n-Propylbenzene	ND	ug/kg	3.0					
1,2,3-Trichlorobenzene	ND	ug/kg	15.					
1,2,4-Trichlorobenzene	ND	ug/kg	15.					
1,3,5-Trimethylbenzene	ND	ug/kg	15.					
1,2,4-Trimethylbenzene	ND	ug/kg	15.					
trans-1,4-Dichloro-2-butene	ND	ug/kg	15.					
Ethyl ether	ND	ug/kg	15.					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	107	%	70-130					
Toluene-d8	96.0	%	70-130					
4-Bromofluorobenzene	123	%	70-130					
Dibromofluoromethane	97.0	%	70-130					
SVOC's by GC/MS 8270				1	8270C	1103 20:35	1106 18:05	RL
Acenaphthene	ND	ug/kg	410					
Benzidine	ND	ug/kg	4100					
1,2,4-Trichlorobenzene	ND	ug/kg	410					
Hexachlorobenzene	ND	ug/kg	410					
Bis(2-chloroethyl)ether	ND	ug/kg	410					
1-Chloronaphthalene	ND	ug/kg	410					
2-Chloronaphthalene	ND	ug/kg	490					
1,2-Dichlorobenzene	ND	ug/kg	410					
1,3-Dichlorobenzene	ND	ug/kg	410					
1,4-Dichlorobenzene	ND	ug/kg	410					
3,3'-Dichlorobenzidine	ND	ug/kg	810					
2,4-Dinitrotoluene	ND	ug/kg	410					
2,6-Dinitrotoluene	ND	ug/kg	410					
Azobenzene	ND	ug/kg	410					
Fluoranthene	6200	ug/kg	410					
4-Chlorophenyl phenyl ether	ND	ug/kg	410					
4-Bromophenyl phenyl ether	ND	ug/kg	410					
Bis(2-chloroisopropyl)ether	ND	ug/kg	410					
Bis(2-chloroethoxy)methane	ND	ug/kg	410					
Hexachlorobutadiene	ND	ug/kg	810					
Hexachlorocyclopentadiene	ND	ug/kg	810					
Hexachloroethane	ND	ug/kg	410					
Isophorone	ND	ug/kg	410					
Naphthalene	ND	ug/kg	410					
Nitrobenzene	ND	ug/kg	410					
NDPA/DPA	ND	ug/kg	1200					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-06
AK-SB-3 (9'-10')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1106 18:05	RL
n-Nitrosodi-n-propylamine	ND	ug/kg	410					
Bis(2-ethylhexyl)phthalate	ND	ug/kg	810					
Butyl benzyl phthalate	ND	ug/kg	410					
Di-n-butylphthalate	ND	ug/kg	410					
Di-n-octylphthalate	ND	ug/kg	410					
Diethyl phthalate	ND	ug/kg	410					
Dimethyl phthalate	ND	ug/kg	410					
Benzo(a)anthracene	3400	ug/kg	410					
Benzo(a)pyrene	3400	ug/kg	410					
Benzo(b)fluoranthene	2700	ug/kg	410					
Benzo(k)fluoranthene	2600	ug/kg	410					
Chrysene	3100	ug/kg	410					
Acenaphthylene	540	ug/kg	410					
Anthracene	1000	ug/kg	410					
Benzo(ghi)perylene	2000	ug/kg	410					
Fluorene	ND	ug/kg	410					
Phenanthrene	2700	ug/kg	410					
Dibenzo(a,h)anthracene	500	ug/kg	410					
Indeno(1,2,3-cd)pyrene	2200	ug/kg	410					
Pyrene	5400	ug/kg	410					
Benzo(e)pyrene	2000	ug/kg	410					
Biphenyl	ND	ug/kg	410					
Perylene	860	ug/kg	410					
Aniline	ND	ug/kg	810					
4-Chloroaniline	ND	ug/kg	410					
1-Methylnaphthalene	ND	ug/kg	410					
2-Nitroaniline	ND	ug/kg	410					
3-Nitroaniline	ND	ug/kg	410					
4-Nitroaniline	ND	ug/kg	570					
Dibenzofuran	ND	ug/kg	410					
a,a-Dimethylphenethylamine	ND	ug/kg	4100					
Hexachloropropene	ND	ug/kg	810					
Nitrosodi-n-butylamine	ND	ug/kg	810					
2-Methylnaphthalene	ND	ug/kg	410					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1600					
Pentachlorobenzene	ND	ug/kg	1600					
a-Naphthylamine	ND	ug/kg	1600					
b-Naphthylamine	ND	ug/kg	1600					
Phenacetin	ND	ug/kg	810					
Dimethoate	ND	ug/kg	1600					
4-Aminobiphenyl	ND	ug/kg	810					
Pentachloronitrobenzene	ND	ug/kg	810					
Isodrin	ND	ug/kg	810					
p-Dimethylaminoazobenzene	ND	ug/kg	810					
Chlorobenzilate	ND	ug/kg	1600					
3-Methylcholanthrene	ND	ug/kg	1600					
Ethyl Methanesulfonate	ND	ug/kg	1200					
Acetophenone	ND	ug/kg	1600					
Nitrosodipiperidine	ND	ug/kg	1600					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-06
AK-SB-3 (9'-10')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1106 18:05	RL
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	810					
n-Nitrosodimethylamine	ND	ug/kg	4100					
2,4,6-Trichlorophenol	ND	ug/kg	410					
p-Chloro-m-cresol	ND	ug/kg	410					
2-Chlorophenol	ND	ug/kg	490					
2,4-Dichlorophenol	ND	ug/kg	810					
2,4-Dimethylphenol	ND	ug/kg	410					
2-Nitrophenol	ND	ug/kg	1600					
4-Nitrophenol	ND	ug/kg	810					
2,4-Dinitrophenol	ND	ug/kg	1600					
4,6-Dinitro-o-cresol	ND	ug/kg	1600					
Pentachlorophenol	ND	ug/kg	1600					
Phenol	ND	ug/kg	570					
2-Methylphenol	ND	ug/kg	490					
3-Methylphenol/4-Methylphenol	ND	ug/kg	490					
2,4,5-Trichlorophenol	ND	ug/kg	410					
2,6-Dichlorophenol	ND	ug/kg	810					
Benzoic Acid	ND	ug/kg	4100					
Benzyl Alcohol	ND	ug/kg	810					
Carbazole	ND	ug/kg	410					
Pyridine	ND	ug/kg	4100					
2-Picoline	ND	ug/kg	1600					
Pronamide	ND	ug/kg	1600					
Methyl methanesulfonate	ND	ug/kg	1600					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	60.0	%	25-120					
Phenol-d6	89.0	%	10-120					
Nitrobenzene-d5	62.0	%	23-120					
2-Fluorobiphenyl	66.0	%	30-120					
2,4,6-Tribromophenol	94.0	%	19-120					
4-Terphenyl-d14	97.0	%	18-120					
PAH by GC/MS SIM 8270M				1	8270C-M	1103 20:35	1106 15:40	RL
Acenaphthene	67	ug/kg	32					
2-Chloronaphthalene	ND	ug/kg	32.					
Fluoranthene	6000	ug/kg	32					
Hexachlorobutadiene	ND	ug/kg	81.					
Naphthalene	150	ug/kg	32					
Benzo(a)anthracene	4200	ug/kg	32					
Benzo(a)pyrene	5300	ug/kg	32					
Benzo(b)fluoranthene	4200	ug/kg	32					
Benzo(k)fluoranthene	2400	ug/kg	32					
Chrysene	3700	ug/kg	32					
Acenaphthylene	460	ug/kg	32					
Anthracene	1300	ug/kg	32					
Benzo(ghi)perylene	1400	ug/kg	32					
Fluorene	170	ug/kg	32					
Phenanthrene	2700	ug/kg	32					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-06
AK-SB-3 (9'-10')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	1103 20:35	1106 15:40	RL
Dibenzo(a,h)anthracene	490	ug/kg	32					
Indeno(1,2,3-cd)Pyrene	1600	ug/kg	32					
Pyrene	5700	ug/kg	32					
1-Methylnaphthalene	ND	ug/kg	32.					
2-Methylnaphthalene	38	ug/kg	32					
Pentachlorophenol	ND	ug/kg	130					
Hexachlorobenzene	ND	ug/kg	130					
Perylene	770	ug/kg	32					
Biphenyl	ND	ug/kg	32.					
2,6-Dimethylnaphthalene	ND	ug/kg	32.					
1-Methylphenanthrene	420	ug/kg	32					
Benzo(e)Pyrene	2000	ug/kg	32					
Hexachloroethane	ND	ug/kg	130					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	63.0	%	25-120					
Phenol-d6	91.0	%	10-120					
Nitrobenzene-d5	60.0	%	23-120					
2-Fluorobiphenyl	60.0	%	30-120					
2,4,6-Tribromophenol	85.0	%	19-120					
4-Terphenyl-d14	101	%	18-120					
Polychlorinated Biphenyls				1	8082	1103 16:00	1108 02:01	AK
Aroclor 1016	ND	ug/kg	40.6					
Aroclor 1221	ND	ug/kg	40.6					
Aroclor 1232	ND	ug/kg	40.6					
Aroclor 1242	ND	ug/kg	40.6					
Aroclor 1248	ND	ug/kg	40.6					
Aroclor 1254	ND	ug/kg	40.6					
Aroclor 1260	ND	ug/kg	40.6					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	60.0	%	30-150					
Decachlorobiphenyl	40.0	%	30-150					
Organochlorine Pesticides				1	8081	1103 21:40	1108 02:03	JB
Delta-BHC	ND	ug/kg	20.3					
Lindane	ND	ug/kg	20.3					
Alpha-BHC	ND	ug/kg	20.3					
Beta-BHC	ND	ug/kg	20.3					
Heptachlor	ND	ug/kg	20.3					
Aldrin	ND	ug/kg	20.3					
Heptachlor epoxide	ND	ug/kg	20.3					
Endrin	ND	ug/kg	20.3					
Endrin aldehyde	ND	ug/kg	20.3					
Endrin ketone	ND	ug/kg	20.3					
Dieldrin	ND	ug/kg	20.3					
4,4'-DDE	ND	ug/kg	20.3					
4,4'-DDD	ND	ug/kg	20.3					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-06
AK-SB-3 (9'-10')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Organochlorine Pesticides cont'd				1	8081	1103 21:40	1108 02:03	JB
4,4'-DDT	ND	ug/kg	20.3					
Endosulfan I	ND	ug/kg	20.3					
Endosulfan II	ND	ug/kg	20.3					
Endosulfan sulfate	ND	ug/kg	20.3					
Methoxychlor	ND	ug/kg	81.3					
Toxaphene	ND	ug/kg	81.3					
Chlordane	ND	ug/kg	81.3					
cis-Chlordane	ND	ug/kg	20.3					
trans-Chlordane	ND	ug/kg	20.3					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	64.0	%	30-150					
Decachlorobiphenyl	70.0	%	30-150					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0615863-07
AK-SB-4 (2'-3')
Sample Matrix: SOIL

Date Collected: 01-NOV-2006 11:03
Date Received : 02-NOV-2006
Date Reported : 09-NOV-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	88	%	0.10	30	2540G		1107 12:01	PD
Total Metals				1	3051			
Aluminum, Total	4800	mg/kg	4.5	1	6010B	1103 18:30	1108 16:00	AI
Antimony, Total	ND	mg/kg	2.3	1	6010B	1103 18:30	1108 16:00	AI
Arsenic, Total	4.3	mg/kg	0.45	1	6010B	1103 18:30	1108 16:00	AI
Barium, Total	68	mg/kg	0.45	1	6010B	1103 18:30	1108 16:00	AI
Beryllium, Total	ND	mg/kg	0.23	1	6010B	1103 18:30	1108 16:00	AI
Cadmium, Total	0.68	mg/kg	0.45	1	6010B	1103 18:30	1108 16:00	AI
Calcium, Total	31000	mg/kg	45	1	6010B	1103 18:30	1109 10:43	AI
Chromium, Total	16	mg/kg	0.45	1	6010B	1103 18:30	1108 16:00	AI
Cobalt, Total	4.8	mg/kg	0.91	1	6010B	1103 18:30	1108 16:00	AI
Copper, Total	97	mg/kg	0.45	1	6010B	1103 18:30	1108 16:00	AI
Iron, Total	12000	mg/kg	2.3	1	6010B	1103 18:30	1108 16:00	AI
Lead, Total	320	mg/kg	2.3	1	6010B	1103 18:30	1108 16:00	AI
Magnesium, Total	5700	mg/kg	4.5	1	6010B	1103 18:30	1108 16:00	AI
Manganese, Total	180	mg/kg	0.45	1	6010B	1103 18:30	1108 16:00	AI
Mercury, Total	0.50	mg/kg	0.09	1	7471A	1106 16:25	1107 10:38	DM
Nickel, Total	12	mg/kg	1.1	1	6010B	1103 18:30	1108 16:00	AI
Potassium, Total	1200	mg/kg	110	1	6010B	1103 18:30	1108 16:00	AI
Selenium, Total	ND	mg/kg	0.91	1	6010B	1103 18:30	1108 16:00	AI
Silver, Total	ND	mg/kg	0.45	1	6010B	1103 18:30	1108 16:00	AI
Sodium, Total	120	mg/kg	91	1	6010B	1103 18:30	1108 16:00	AI
Thallium, Total	ND	mg/kg	0.45	1	6010B	1103 18:30	1108 16:00	AI
Vanadium, Total	31	mg/kg	0.45	1	6010B	1103 18:30	1108 16:00	AI
Zinc, Total	330	mg/kg	2.3	1	6010B	1103 18:30	1108 16:00	AI
Volatile Organics by GC/MS 8260				1	8260B		1107 20:43	RY
Methylene chloride	ND	ug/kg	28.					
1,1-Dichloroethane	ND	ug/kg	4.3					
Chloroform	ND	ug/kg	4.3					
Carbon tetrachloride	ND	ug/kg	2.8					
1,2-Dichloropropane	ND	ug/kg	9.9					
Dibromochloromethane	ND	ug/kg	2.8					
1,1,2-Trichloroethane	ND	ug/kg	4.3					
Tetrachloroethene	ND	ug/kg	2.8					
Chlorobenzene	ND	ug/kg	2.8					
Trichlorofluoromethane	ND	ug/kg	14.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-07
AK-SB-4 (2'-3')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1 8260B		1107 20:43	RY
1,2-Dichloroethane	ND	ug/kg	2.8				
1,1,1-Trichloroethane	ND	ug/kg	2.8				
Bromodichloromethane	ND	ug/kg	2.8				
trans-1,3-Dichloropropene	ND	ug/kg	2.8				
cis-1,3-Dichloropropene	ND	ug/kg	2.8				
1,1-Dichloropropene	ND	ug/kg	14.				
Bromoform	ND	ug/kg	11.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.8				
Benzene	ND	ug/kg	2.8				
Toluene	ND	ug/kg	4.3				
Ethylbenzene	ND	ug/kg	2.8				
Chloromethane	ND	ug/kg	14.				
Bromomethane	ND	ug/kg	5.7				
Vinyl chloride	ND	ug/kg	5.7				
Chloroethane	ND	ug/kg	5.7				
1,1-Dichloroethene	ND	ug/kg	2.8				
trans-1,2-Dichloroethene	ND	ug/kg	4.3				
Trichloroethene	ND	ug/kg	2.8				
1,2-Dichlorobenzene	ND	ug/kg	14.				
1,3-Dichlorobenzene	ND	ug/kg	14.				
1,4-Dichlorobenzene	ND	ug/kg	14.				
Methyl tert butyl ether	ND	ug/kg	5.7				
p/m-Xylene	ND	ug/kg	5.7				
o-Xylene	ND	ug/kg	5.7				
cis-1,2-Dichloroethene	ND	ug/kg	2.8				
Dibromomethane	ND	ug/kg	28.				
1,4-Dichlorobutane	ND	ug/kg	28.				
Iodomethane	ND	ug/kg	28.				
1,2,3-Trichloropropane	ND	ug/kg	28.				
Styrene	ND	ug/kg	5.7				
Dichlorodifluoromethane	ND	ug/kg	28.				
Acetone	ND	ug/kg	28.				
Carbon disulfide	ND	ug/kg	28.				
2-Butanone	ND	ug/kg	28.				
Vinyl acetate	ND	ug/kg	28.				
4-Methyl-2-pentanone	ND	ug/kg	28.				
2-Hexanone	ND	ug/kg	28.				
Ethyl methacrylate	ND	ug/kg	28.				
Acrolein	ND	ug/kg	71.				
Acrylonitrile	ND	ug/kg	11.				
Bromochloromethane	ND	ug/kg	14.				
Tetrahydrofuran	ND	ug/kg	57.				
2,2-Dichloropropane	ND	ug/kg	14.				
1,2-Dibromoethane	ND	ug/kg	11.				
1,3-Dichloropropane	ND	ug/kg	14.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.8				
Bromobenzene	ND	ug/kg	14.				
n-Butylbenzene	ND	ug/kg	2.8				
sec-Butylbenzene	ND	ug/kg	2.8				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-07
AK-SB-4 (2'-3')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		1107 20:43	RY
tert-Butylbenzene	ND	ug/kg	14.					
o-Chlorotoluene	ND	ug/kg	14.					
p-Chlorotoluene	ND	ug/kg	14.					
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.					
Hexachlorobutadiene	ND	ug/kg	14.					
Isopropylbenzene	ND	ug/kg	2.8					
p-Isopropyltoluene	ND	ug/kg	2.8					
Naphthalene	ND	ug/kg	14.					
n-Propylbenzene	ND	ug/kg	2.8					
1,2,3-Trichlorobenzene	ND	ug/kg	14.					
1,2,4-Trichlorobenzene	ND	ug/kg	14.					
1,3,5-Trimethylbenzene	ND	ug/kg	14.					
1,2,4-Trimethylbenzene	ND	ug/kg	14.					
trans-1,4-Dichloro-2-butene	ND	ug/kg	14.					
Ethyl ether	ND	ug/kg	14.					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	102	%	70-130					
Toluene-d8	99.0	%	70-130					
4-Bromofluorobenzene	114	%	70-130					
Dibromofluoromethane	96.0	%	70-130					
SVOC's by GC/MS 8270				1	8270C	1103 20:35	1106 18:30	RL
Acenaphthene	ND	ug/kg	760					
Benzidine	ND	ug/kg	7600					
1,2,4-Trichlorobenzene	ND	ug/kg	760					
Hexachlorobenzene	ND	ug/kg	760					
Bis(2-chloroethyl)ether	ND	ug/kg	760					
1-Chloronaphthalene	ND	ug/kg	760					
2-Chloronaphthalene	ND	ug/kg	910					
1,2-Dichlorobenzene	ND	ug/kg	760					
1,3-Dichlorobenzene	ND	ug/kg	760					
1,4-Dichlorobenzene	ND	ug/kg	760					
3,3'-Dichlorobenzidine	ND	ug/kg	1500					
2,4-Dinitrotoluene	ND	ug/kg	760					
2,6-Dinitrotoluene	ND	ug/kg	760					
Azobenzene	ND	ug/kg	760					
Fluoranthene	12000	ug/kg	760					
4-Chlorophenyl phenyl ether	ND	ug/kg	760					
4-Bromophenyl phenyl ether	ND	ug/kg	760					
Bis(2-chloroisopropyl)ether	ND	ug/kg	760					
Bis(2-chloroethoxy)methane	ND	ug/kg	760					
Hexachlorobutadiene	ND	ug/kg	1500					
Hexachlorocyclopentadiene	ND	ug/kg	1500					
Hexachloroethane	ND	ug/kg	760					
Isophorone	ND	ug/kg	760					
Naphthalene	ND	ug/kg	760					
Nitrobenzene	ND	ug/kg	760					
NDPA/DPA	ND	ug/kg	2300					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-07
AK-SB-4 (2'-3')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1106 18:30	RL
n-Nitrosodi-n-propylamine	ND	ug/kg	760					
Bis(2-ethylhexyl)phthalate	ND	ug/kg	1500					
Butyl benzyl phthalate	ND	ug/kg	760					
Di-n-butylphthalate	ND	ug/kg	760					
Di-n-octylphthalate	ND	ug/kg	760					
Diethyl phthalate	ND	ug/kg	760					
Dimethyl phthalate	ND	ug/kg	760					
Benzo(a)anthracene	5600	ug/kg	760					
Benzo(a)pyrene	5900	ug/kg	760					
Benzo(b)fluoranthene	5600	ug/kg	760					
Benzo(k)fluoranthene	4400	ug/kg	760					
Chrysene	5500	ug/kg	760					
Acenaphthylene	790	ug/kg	760					
Anthracene	1800	ug/kg	760					
Benzo(ghi)perylene	4300	ug/kg	760					
Fluorene	ND	ug/kg	760					
Phenanthrene	5700	ug/kg	760					
Dibenzo(a,h)anthracene	1200	ug/kg	760					
Indeno(1,2,3-cd)pyrene	4600	ug/kg	760					
Pyrene	11000	ug/kg	760					
Benzo(e)pyrene	4000	ug/kg	760					
Biphenyl	ND	ug/kg	760					
Perylene	1500	ug/kg	760					
Aniline	ND	ug/kg	1500					
4-Chloroaniline	ND	ug/kg	760					
1-Methylnaphthalene	ND	ug/kg	760					
2-Nitroaniline	ND	ug/kg	760					
3-Nitroaniline	ND	ug/kg	760					
4-Nitroaniline	ND	ug/kg	1100					
Dibenzofuran	ND	ug/kg	760					
a,a-Dimethylphenethylamine	ND	ug/kg	7600					
Hexachloropropene	ND	ug/kg	1500					
Nitrosodi-n-butylamine	ND	ug/kg	1500					
2-Methylnaphthalene	ND	ug/kg	760					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	3000					
Pentachlorobenzene	ND	ug/kg	3000					
a-Naphthylamine	ND	ug/kg	3000					
b-Naphthylamine	ND	ug/kg	3000					
Phenacetin	ND	ug/kg	1500					
Dimethoate	ND	ug/kg	3000					
4-Aminobiphenyl	ND	ug/kg	1500					
Pentachloronitrobenzene	ND	ug/kg	1500					
Isodrin	ND	ug/kg	1500					
p-Dimethylaminoazobenzene	ND	ug/kg	1500					
Chlorobenzilate	ND	ug/kg	3000					
3-Methylcholanthrene	ND	ug/kg	3000					
Ethyl Methanesulfonate	ND	ug/kg	2300					
Acetophenone	ND	ug/kg	3000					
Nitrosodipiperidine	ND	ug/kg	3000					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-07
AK-SB-4 (2'-3')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1106 18:30	RL
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	1500					
n-Nitrosodimethylamine	ND	ug/kg	7600					
2,4,6-Trichlorophenol	ND	ug/kg	760					
p-Chloro-m-cresol	ND	ug/kg	760					
2-Chlorophenol	ND	ug/kg	910					
2,4-Dichlorophenol	ND	ug/kg	1500					
2,4-Dimethylphenol	ND	ug/kg	760					
2-Nitrophenol	ND	ug/kg	3000					
4-Nitrophenol	ND	ug/kg	1500					
2,4-Dinitrophenol	ND	ug/kg	3000					
4,6-Dinitro-o-cresol	ND	ug/kg	3000					
Pentachlorophenol	ND	ug/kg	3000					
Phenol	ND	ug/kg	1100					
2-Methylphenol	ND	ug/kg	910					
3-Methylphenol/4-Methylphenol	ND	ug/kg	910					
2,4,5-Trichlorophenol	ND	ug/kg	760					
2,6-Dichlorophenol	ND	ug/kg	1500					
Benzoic Acid	ND	ug/kg	7600					
Benzyl Alcohol	ND	ug/kg	1500					
Carbazole	ND	ug/kg	760					
Pyridine	ND	ug/kg	7600					
2-Picoline	ND	ug/kg	3000					
Pronamide	ND	ug/kg	3000					
Methyl methanesulfonate	ND	ug/kg	3000					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	79.0	%	25-120					
Phenol-d6	117	%	10-120					
Nitrobenzene-d5	87.0	%	23-120					
2-Fluorobiphenyl	86.0	%	30-120					
2,4,6-Tribromophenol	96.0	%	19-120					
4-Terphenyl-d14	102	%	18-120					
PAH by GC/MS SIM 8270M				1	8270C-M	1103 20:35	1108 02:59	RL
Acenaphthene	730	ug/kg	300					
2-Chloronaphthalene	ND	ug/kg	300					
Fluoranthene	14000	ug/kg	300					
Hexachlorobutadiene	ND	ug/kg	760					
Naphthalene	ND	ug/kg	300					
Benzo(a)anthracene	8600	ug/kg	300					
Benzo(a)pyrene	5900	ug/kg	300					
Benzo(b)fluoranthene	7900	ug/kg	300					
Benzo(k)fluoranthene	7500	ug/kg	300					
Chrysene	7400	ug/kg	300					
Acenaphthylene	660	ug/kg	300					
Anthracene	2100	ug/kg	300					
Benzo(ghi)perylene	5500	ug/kg	300					
Fluorene	690	ug/kg	300					
Phenanthrene	6400	ug/kg	300					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-07
AK-SB-4 (2'-3')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	1103	1108 02:59	RL
Dibenzo(a,h)anthracene	1300	ug/kg	300					
Indeno(1,2,3-cd)Pyrene	4700	ug/kg	300					
Pyrene	12000	ug/kg	300					
1-Methylnaphthalene	ND	ug/kg	300					
2-Methylnaphthalene	ND	ug/kg	300					
Pentachlorophenol	ND	ug/kg	1200					
Hexachlorobenzene	ND	ug/kg	1200					
Perylene	1800	ug/kg	300					
Biphenyl	ND	ug/kg	300					
2,6-Dimethylnaphthalene	ND	ug/kg	300					
1-Methylphenanthrene	720	ug/kg	300					
Benzo(e)Pyrene	5900	ug/kg	300					
Hexachloroethane	ND	ug/kg	1200					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	78.0	%	25-120					
Phenol-d6	116	%	10-120					
Nitrobenzene-d5	84.0	%	23-120					
2-Fluorobiphenyl	85.0	%	30-120					
2,4,6-Tribromophenol	91.0	%	19-120					
4-Terphenyl-d14	102	%	18-120					
Polychlorinated Biphenyls				1	8082	1103	1108 02:58	AK
Aroclor 1016	ND	ug/kg	37.9					
Aroclor 1221	ND	ug/kg	37.9					
Aroclor 1232	ND	ug/kg	37.9					
Aroclor 1242	ND	ug/kg	37.9					
Aroclor 1248	ND	ug/kg	37.9					
Aroclor 1254	124	ug/kg	37.9					
Aroclor 1260	52.2	ug/kg	37.9					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	72.0	%	30-150					
Decachlorobiphenyl	57.0	%	30-150					
Organochlorine Pesticides				1	8081	1103	1108 06:49	JB
Delta-BHC	ND	ug/kg	152.					
Lindane	ND	ug/kg	152.					
Alpha-BHC	ND	ug/kg	152.					
Beta-BHC	ND	ug/kg	152.					
Heptachlor	ND	ug/kg	152.					
Aldrin	ND	ug/kg	152.					
Heptachlor epoxide	ND	ug/kg	152.					
Endrin	ND	ug/kg	152.					
Endrin aldehyde	ND	ug/kg	152.					
Endrin ketone	ND	ug/kg	152.					
Dieldrin	ND	ug/kg	152.					
4,4'-DDE	ND	ug/kg	152.					
4,4'-DDD	ND	ug/kg	152					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-07
AK-SB-4 (2'-3')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Organochlorine Pesticides cont'd				1	8081	1103 21:40	1108 06:49	JB
4,4'-DDT	ND	ug/kg	152					
Endosulfan I	ND	ug/kg	152.					
Endosulfan II	ND	ug/kg	152.					
Endosulfan sulfate	ND	ug/kg	152.					
Methoxychlor	ND	ug/kg	606.					
Toxaphene	ND	ug/kg	606.					
Chlordane	ND	ug/kg	606.					
cis-Chlordane	ND	ug/kg	152.					
trans-Chlordane	ND	ug/kg	152.					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	ND	%	30-150					
Decachlorobiphenyl	ND	%	30-150					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0615863-08
AK-SB-4 (9'-10')
Sample Matrix: SOIL

Date Collected: 01-NOV-2006 11:20
Date Received : 02-NOV-2006
Date Reported : 09-NOV-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	88	%	0.10	30	2540G		1107 12:01	PD
Total Metals				1	3051			
Aluminum, Total	6200	mg/kg	4.5	1	6010B	1103 18:30	1108 16:04	AI
Antimony, Total	2.6	mg/kg	2.2	1	6010B	1103 18:30	1108 16:04	AI
Arsenic, Total	5.2	mg/kg	0.45	1	6010B	1103 18:30	1108 16:04	AI
Barium, Total	58	mg/kg	0.45	1	6010B	1103 18:30	1108 16:04	AI
Beryllium, Total	ND	mg/kg	0.22	1	6010B	1103 18:30	1108 16:04	AI
Cadmium, Total	ND	mg/kg	0.45	1	6010B	1103 18:30	1108 16:04	AI
Calcium, Total	8900	mg/kg	4.5	1	6010B	1103 18:30	1108 16:04	AI
Chromium, Total	11	mg/kg	0.45	1	6010B	1103 18:30	1108 16:04	AI
Cobalt, Total	5.7	mg/kg	0.90	1	6010B	1103 18:30	1108 16:04	AI
Copper, Total	160	mg/kg	0.45	1	6010B	1103 18:30	1108 16:04	AI
Iron, Total	12000	mg/kg	2.2	1	6010B	1103 18:30	1108 16:04	AI
Lead, Total	200	mg/kg	2.2	1	6010B	1103 18:30	1108 16:04	AI
Magnesium, Total	2100	mg/kg	4.5	1	6010B	1103 18:30	1108 16:04	AI
Manganese, Total	310	mg/kg	0.45	1	6010B	1103 18:30	1108 16:04	AI
Mercury, Total	2.0	mg/kg	0.17	1	7471A	1106 16:25	1107 12:02	DM
Nickel, Total	20	mg/kg	1.1	1	6010B	1103 18:30	1108 16:04	AI
Potassium, Total	540	mg/kg	110	1	6010B	1103 18:30	1108 16:04	AI
Selenium, Total	ND	mg/kg	0.90	1	6010B	1103 18:30	1108 16:04	AI
Silver, Total	0.83	mg/kg	0.45	1	6010B	1103 18:30	1108 16:04	AI
Sodium, Total	ND	mg/kg	90	1	6010B	1103 18:30	1108 16:04	AI
Thallium, Total	ND	mg/kg	0.45	1	6010B	1103 18:30	1108 16:04	AI
Vanadium, Total	16	mg/kg	0.45	1	6010B	1103 18:30	1108 16:04	AI
Zinc, Total	180	mg/kg	2.2	1	6010B	1103 18:30	1108 16:04	AI
Volatile Organics by GC/MS 8260				1	8260B		1107 21:19	RY
Methylene chloride	ND	ug/kg	28.					
1,1-Dichloroethane	ND	ug/kg	4.3					
Chloroform	ND	ug/kg	4.3					
Carbon tetrachloride	ND	ug/kg	2.8					
1,2-Dichloropropane	ND	ug/kg	9.9					
Dibromochloromethane	ND	ug/kg	2.8					
1,1,2-Trichloroethane	ND	ug/kg	4.3					
Tetrachloroethene	ND	ug/kg	2.8					
Chlorobenzene	ND	ug/kg	2.8					
Trichlorofluoromethane	ND	ug/kg	14.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-08
AK-SB-4 (9'-10')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		1107 21:19	RY
1,2-Dichloroethane	ND	ug/kg	2.8					
1,1,1-Trichloroethane	ND	ug/kg	2.8					
Bromodichloromethane	ND	ug/kg	2.8					
trans-1,3-Dichloropropene	ND	ug/kg	2.8					
cis-1,3-Dichloropropene	ND	ug/kg	2.8					
1,1-Dichloropropene	ND	ug/kg	14.					
Bromoform	ND	ug/kg	11.					
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.8					
Benzene	ND	ug/kg	2.8					
Toluene	ND	ug/kg	4.3					
Ethylbenzene	ND	ug/kg	2.8					
Chloromethane	ND	ug/kg	14.					
Bromomethane	ND	ug/kg	5.7					
Vinyl chloride	ND	ug/kg	5.7					
Chloroethane	ND	ug/kg	5.7					
1,1-Dichloroethene	ND	ug/kg	2.8					
trans-1,2-Dichloroethene	ND	ug/kg	4.3					
Trichloroethene	ND	ug/kg	2.8					
1,2-Dichlorobenzene	ND	ug/kg	14.					
1,3-Dichlorobenzene	ND	ug/kg	14.					
1,4-Dichlorobenzene	ND	ug/kg	14.					
Methyl tert butyl ether	ND	ug/kg	5.7					
p/m-Xylene	ND	ug/kg	5.7					
o-Xylene	ND	ug/kg	5.7					
cis-1,2-Dichloroethene	ND	ug/kg	2.8					
Dibromomethane	ND	ug/kg	28.					
1,4-Dichlorobutane	ND	ug/kg	28.					
Iodomethane	ND	ug/kg	28.					
1,2,3-Trichloropropane	ND	ug/kg	28.					
Styrene	ND	ug/kg	5.7					
Dichlorodifluoromethane	ND	ug/kg	28.					
Acetone	53	ug/kg	28					
Carbon disulfide	ND	ug/kg	28.					
2-Butanone	ND	ug/kg	28.					
Vinyl acetate	ND	ug/kg	28.					
4-Methyl-2-pentanone	ND	ug/kg	28.					
2-Hexanone	ND	ug/kg	28.					
Ethyl methacrylate	ND	ug/kg	28.					
Acrolein	ND	ug/kg	71.					
Acrylonitrile	ND	ug/kg	11.					
Bromochloromethane	ND	ug/kg	14.					
Tetrahydrofuran	ND	ug/kg	57.					
2,2-Dichloropropane	ND	ug/kg	14.					
1,2-Dibromoethane	ND	ug/kg	11.					
1,3-Dichloropropane	ND	ug/kg	14.					
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.8					
Bromobenzene	ND	ug/kg	14.					
n-Butylbenzene	ND	ug/kg	2.8					
sec-Butylbenzene	ND	ug/kg	2.8					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-08
AK-SB-4 (9'-10')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		1107 21:19	RY
tert-Butylbenzene	ND	ug/kg	14.					
o-Chlorotoluene	ND	ug/kg	14.					
p-Chlorotoluene	ND	ug/kg	14.					
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.					
Hexachlorobutadiene	ND	ug/kg	14.					
Isopropylbenzene	ND	ug/kg	2.8					
p-Isopropyltoluene	ND	ug/kg	2.8					
Naphthalene	17	ug/kg	14					
n-Propylbenzene	ND	ug/kg	2.8					
1,2,3-Trichlorobenzene	ND	ug/kg	14.					
1,2,4-Trichlorobenzene	ND	ug/kg	14.					
1,3,5-Trimethylbenzene	ND	ug/kg	14.					
1,2,4-Trimethylbenzene	ND	ug/kg	14.					
trans-1,4-Dichloro-2-butene	ND	ug/kg	14.					
Ethyl ether	ND	ug/kg	14.					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	101	%	70-130					
Toluene-d8	96.0	%	70-130					
4-Bromofluorobenzene	108	%	70-130					
Dibromofluoromethane	97.0	%	70-130					
SVOC's by GC/MS 8270				1	8270C	1103 20:35	1106 18:55	RL
Acenaphthene	ND	ug/kg	380					
Benzidine	ND	ug/kg	3800					
1,2,4-Trichlorobenzene	ND	ug/kg	380					
Hexachlorobenzene	ND	ug/kg	380					
Bis(2-chloroethyl)ether	ND	ug/kg	380					
1-Chloronaphthalene	ND	ug/kg	380					
2-Chloronaphthalene	ND	ug/kg	450					
1,2-Dichlorobenzene	ND	ug/kg	380					
1,3-Dichlorobenzene	ND	ug/kg	380					
1,4-Dichlorobenzene	ND	ug/kg	380					
3,3'-Dichlorobenzidine	ND	ug/kg	760					
2,4-Dinitrotoluene	ND	ug/kg	380					
2,6-Dinitrotoluene	ND	ug/kg	380					
Azobenzene	ND	ug/kg	380					
Fluoranthene	2600	ug/kg	380					
4-Chlorophenyl phenyl ether	ND	ug/kg	380					
4-Bromophenyl phenyl ether	ND	ug/kg	380					
Bis(2-chloroisopropyl)ether	ND	ug/kg	380					
Bis(2-chloroethoxy)methane	ND	ug/kg	380					
Hexachlorobutadiene	ND	ug/kg	760					
Hexachlorocyclopentadiene	ND	ug/kg	760					
Hexachloroethane	ND	ug/kg	380					
Isophorone	ND	ug/kg	380					
Naphthalene	ND	ug/kg	380					
Nitrobenzene	ND	ug/kg	380					
NDPA/DPA	ND	ug/kg	1100					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-08
AK-SB-4 (9'-10')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1106 18:55	RL
n-Nitrosodi-n-propylamine	ND	ug/kg	380					
Bis(2-ethylhexyl)phthalate	ND	ug/kg	760					
Butyl benzyl phthalate	ND	ug/kg	380					
Di-n-butylphthalate	ND	ug/kg	380					
Di-n-octylphthalate	ND	ug/kg	380					
Diethyl phthalate	ND	ug/kg	380					
Dimethyl phthalate	ND	ug/kg	380					
Benzo(a)anthracene	1200	ug/kg	380					
Benzo(a)pyrene	1100	ug/kg	380					
Benzo(b)fluoranthene	980	ug/kg	380					
Benzo(k)fluoranthene	870	ug/kg	380					
Chrysene	1200	ug/kg	380					
Acenaphthylene	ND	ug/kg	380					
Anthracene	ND	ug/kg	380					
Benzo(ghi)perylene	760	ug/kg	380					
Fluorene	ND	ug/kg	380					
Phenanthrene	1200	ug/kg	380					
Dibenzo(a,h)anthracene	ND	ug/kg	380					
Indeno(1,2,3-cd)pyrene	810	ug/kg	380					
Pyrene	2400	ug/kg	380					
Benzo(e)pyrene	750	ug/kg	380					
Biphenyl	ND	ug/kg	380					
Perylene	ND	ug/kg	380					
Aniline	ND	ug/kg	760					
4-Chloroaniline	ND	ug/kg	380					
1-Methylnaphthalene	ND	ug/kg	380					
2-Nitroaniline	ND	ug/kg	380					
3-Nitroaniline	ND	ug/kg	380					
4-Nitroaniline	ND	ug/kg	530					
Dibenzofuran	ND	ug/kg	380					
a,a-Dimethylphenethylamine	ND	ug/kg	3800					
Hexachloropropene	ND	ug/kg	760					
Nitrosodi-n-butylamine	ND	ug/kg	760					
2-Methylnaphthalene	ND	ug/kg	380					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1500					
Pentachlorobenzene	ND	ug/kg	1500					
a-Naphthylamine	ND	ug/kg	1500					
b-Naphthylamine	ND	ug/kg	1500					
Phenacetin	ND	ug/kg	760					
Dimethoate	ND	ug/kg	1500					
4-Aminobiphenyl	ND	ug/kg	760					
Pentachloronitrobenzene	ND	ug/kg	760					
Isodrin	ND	ug/kg	760					
p-Dimethylaminoazobenzene	ND	ug/kg	760					
Chlorobenzilate	ND	ug/kg	1500					
3-Methylcholanthrene	ND	ug/kg	1500					
Ethyl Methanesulfonate	ND	ug/kg	1100					
Acetophenone	ND	ug/kg	1500					
Nitrosodipiperidine	ND	ug/kg	1500					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-08
AK-SB-4 (9'-10')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1106 18:55	RL
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	760					
n-Nitrosodimethylamine	ND	ug/kg	3800					
2,4,6-Trichlorophenol	ND	ug/kg	380					
p-Chloro-m-cresol	ND	ug/kg	380					
2-Chlorophenol	ND	ug/kg	450					
2,4-Dichlorophenol	ND	ug/kg	760					
2,4-Dimethylphenol	ND	ug/kg	380					
2-Nitrophenol	ND	ug/kg	1500					
4-Nitrophenol	ND	ug/kg	760					
2,4-Dinitrophenol	ND	ug/kg	1500					
4,6-Dinitro-o-cresol	ND	ug/kg	1500					
Pentachlorophenol	ND	ug/kg	1500					
Phenol	ND	ug/kg	530					
2-Methylphenol	ND	ug/kg	450					
3-Methylphenol/4-Methylphenol	ND	ug/kg	450					
2,4,5-Trichlorophenol	ND	ug/kg	380					
2,6-Dichlorophenol	ND	ug/kg	760					
Benzoic Acid	ND	ug/kg	3800					
Benzyl Alcohol	ND	ug/kg	760					
Carbazole	ND	ug/kg	380					
Pyridine	ND	ug/kg	3800					
2-Picoline	ND	ug/kg	1500					
Pronamide	ND	ug/kg	1500					
Methyl methanesulfonate	ND	ug/kg	1500					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	61.0	%	25-120					
Phenol-d6	92.0	%	10-120					
Nitrobenzene-d5	69.0	%	23-120					
2-Fluorobiphenyl	71.0	%	30-120					
2,4,6-Tribromophenol	96.0	%	19-120					
4-Terphenyl-d14	102	%	18-120					
PAH by GC/MS SIM 8270M				1	8270C-M	1103 20:35	1106 15:47	RL
Acenaphthene	82	ug/kg	76					
2-Chloronaphthalene	ND	ug/kg	76.					
Fluoranthene	4400	ug/kg	76					
Hexachlorobutadiene	ND	ug/kg	190					
Naphthalene	ND	ug/kg	76.					
Benzo(a)anthracene	1600	ug/kg	76					
Benzo(a)pyrene	1800	ug/kg	76					
Benzo(b)fluoranthene	1500	ug/kg	76					
Benzo(k)fluoranthene	1500	ug/kg	76					
Chrysene	1400	ug/kg	76					
Acenaphthylene	120	ug/kg	76					
Anthracene	390	ug/kg	76					
Benzo(ghi)perylene	840	ug/kg	76					
Fluorene	85	ug/kg	76					
Phenanthrene	1400	ug/kg	76					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-08
AK-SB-4 (9'-10')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	1103 20:35	1106 15:47	RL
Dibenzo(a,h)anthracene	130	ug/kg	76					
Indeno(1,2,3-cd)Pyrene	640	ug/kg	76					
Pyrene	4100	ug/kg	76					
1-Methylnaphthalene	ND	ug/kg	76.					
2-Methylnaphthalene	ND	ug/kg	76.					
Pentachlorophenol	ND	ug/kg	300					
Hexachlorobenzene	ND	ug/kg	300					
Perylene	380	ug/kg	76					
Biphenyl	ND	ug/kg	76.					
2,6-Dimethylnaphthalene	ND	ug/kg	76.					
1-Methylphenanthrene	230	ug/kg	76					
Benzo(e)Pyrene	960	ug/kg	76					
Hexachloroethane	ND	ug/kg	300					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	71.0	%	25-120					
Phenol-d6	96.0	%	10-120					
Nitrobenzene-d5	74.0	%	23-120					
2-Fluorobiphenyl	74.0	%	30-120					
2,4,6-Tribromophenol	71.0	%	19-120					
4-Terphenyl-d14	120	%	18-120					
Polychlorinated Biphenyls				1	8082	1103 16:00	1108 03:27	AK
Aroclor 1016	ND	ug/kg	37.9					
Aroclor 1221	ND	ug/kg	37.9					
Aroclor 1232	ND	ug/kg	37.9					
Aroclor 1242	ND	ug/kg	37.9					
Aroclor 1248	ND	ug/kg	37.9					
Aroclor 1254	ND	ug/kg	37.9					
Aroclor 1260	ND	ug/kg	37.9					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	79.0	%	30-150					
Decachlorobiphenyl	59.0	%	30-150					
Organochlorine Pesticides				1	8081	1103 21:40	1108 07:18	JB
Delta-BHC	ND	ug/kg	18.9					
Lindane	ND	ug/kg	18.9					
Alpha-BHC	ND	ug/kg	18.9					
Beta-BHC	ND	ug/kg	18.9					
Heptachlor	ND	ug/kg	18.9					
Aldrin	ND	ug/kg	18.9					
Heptachlor epoxide	ND	ug/kg	18.9					
Endrin	ND	ug/kg	18.9					
Endrin aldehyde	ND	ug/kg	18.9					
Endrin ketone	ND	ug/kg	18.9					
Dieldrin	ND	ug/kg	18.9					
4,4'-DDE	ND	ug/kg	18.9					
4,4'-DDD	ND	ug/kg	18.9					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-08
AK-SB-4 (9'-10')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Organochlorine Pesticides cont'd				1	8081	1103 21:40	1108 07:18	JB
4,4'-DDT	ND	ug/kg	18.9					
Endosulfan I	ND	ug/kg	18.9					
Endosulfan II	ND	ug/kg	18.9					
Endosulfan sulfate	ND	ug/kg	18.9					
Methoxychlor	ND	ug/kg	75.8					
Toxaphene	ND	ug/kg	75.8					
Chlordane	ND	ug/kg	75.8					
cis-Chlordane	ND	ug/kg	18.9					
trans-Chlordane	ND	ug/kg	18.9					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	71.0	%	30-150					
Decachlorobiphenyl	139	%	30-150					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0615863-09
AK-SB-5 (1'-2')
Sample Matrix: SOIL

Date Collected: 01-NOV-2006 11:45
Date Received : 02-NOV-2006
Date Reported : 09-NOV-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	90	%	0.10	30	2540G		1107 12:01	PD
Total Metals				1	3051			
Aluminum, Total	7200	mg/kg	4.4	1	6010B	1103 18:30	1108 16:09	AI
Antimony, Total	ND	mg/kg	2.2	1	6010B	1103 18:30	1108 16:09	AI
Arsenic, Total	3.7	mg/kg	0.44	1	6010B	1103 18:30	1108 16:09	AI
Barium, Total	110	mg/kg	0.44	1	6010B	1103 18:30	1108 16:09	AI
Beryllium, Total	ND	mg/kg	2.2	1	6010B	1103 18:30	1109 11:02	AI
Cadmium, Total	0.54	mg/kg	0.44	1	6010B	1103 18:30	1108 16:09	AI
Calcium, Total	40000	mg/kg	44	1	6010B	1103 18:30	1109 11:02	AI
Chromium, Total	180	mg/kg	0.44	1	6010B	1103 18:30	1108 16:09	AI
Cobalt, Total	6.4	mg/kg	0.88	1	6010B	1103 18:30	1108 16:09	AI
Copper, Total	70	mg/kg	0.44	1	6010B	1103 18:30	1108 16:09	AI
Iron, Total	16000	mg/kg	2.2	1	6010B	1103 18:30	1108 16:09	AI
Lead, Total	170	mg/kg	2.2	1	6010B	1103 18:30	1108 16:09	AI
Magnesium, Total	14000	mg/kg	44	1	6010B	1103 18:30	1109 11:02	AI
Manganese, Total	210	mg/kg	0.44	1	6010B	1103 18:30	1108 16:09	AI
Mercury, Total	0.24	mg/kg	0.09	1	7471A	1106 16:25	1107 10:42	DM
Nickel, Total	20	mg/kg	1.1	1	6010B	1103 18:30	1108 16:09	AI
Potassium, Total	2300	mg/kg	110	1	6010B	1103 18:30	1108 16:09	AI
Selenium, Total	ND	mg/kg	0.88	1	6010B	1103 18:30	1108 16:09	AI
Silver, Total	ND	mg/kg	0.44	1	6010B	1103 18:30	1108 16:09	AI
Sodium, Total	250	mg/kg	88	1	6010B	1103 18:30	1108 16:09	AI
Thallium, Total	ND	mg/kg	0.44	1	6010B	1103 18:30	1108 16:09	AI
Vanadium, Total	35	mg/kg	0.44	1	6010B	1103 18:30	1108 16:09	AI
Zinc, Total	150	mg/kg	2.2	1	6010B	1103 18:30	1108 16:09	AI
Volatile Organics by GC/MS 8260				1	8260B		1107 21:55	RY
Methylene chloride	ND	ug/kg	28.					
1,1-Dichloroethane	ND	ug/kg	4.2					
Chloroform	ND	ug/kg	4.2					
Carbon tetrachloride	ND	ug/kg	2.8					
1,2-Dichloropropane	ND	ug/kg	9.7					
Dibromochloromethane	ND	ug/kg	2.8					
1,1,2-Trichloroethane	ND	ug/kg	4.2					
Tetrachloroethene	ND	ug/kg	2.8					
Chlorobenzene	ND	ug/kg	2.8					
Trichlorofluoromethane	ND	ug/kg	14.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-09
AK-SB-5 (1'-2')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		1107 21:55	RY
1,2-Dichloroethane	ND	ug/kg	2.8					
1,1,1-Trichloroethane	ND	ug/kg	2.8					
Bromodichloromethane	ND	ug/kg	2.8					
trans-1,3-Dichloropropene	ND	ug/kg	2.8					
cis-1,3-Dichloropropene	ND	ug/kg	2.8					
1,1-Dichloropropene	ND	ug/kg	14.					
Bromoform	ND	ug/kg	11.					
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.8					
Benzene	ND	ug/kg	2.8					
Toluene	ND	ug/kg	4.2					
Ethylbenzene	ND	ug/kg	2.8					
Chloromethane	ND	ug/kg	14.					
Bromomethane	ND	ug/kg	5.6					
Vinyl chloride	ND	ug/kg	5.6					
Chloroethane	ND	ug/kg	5.6					
1,1-Dichloroethene	ND	ug/kg	2.8					
trans-1,2-Dichloroethene	ND	ug/kg	4.2					
Trichloroethene	ND	ug/kg	2.8					
1,2-Dichlorobenzene	ND	ug/kg	14.					
1,3-Dichlorobenzene	ND	ug/kg	14.					
1,4-Dichlorobenzene	ND	ug/kg	14.					
Methyl tert butyl ether	ND	ug/kg	5.6					
p/m-Xylene	ND	ug/kg	5.6					
o-Xylene	ND	ug/kg	5.6					
cis-1,2-Dichloroethene	ND	ug/kg	2.8					
Dibromomethane	ND	ug/kg	28.					
1,4-Dichlorobutane	ND	ug/kg	28.					
Iodomethane	ND	ug/kg	28.					
1,2,3-Trichloropropane	ND	ug/kg	28.					
Styrene	ND	ug/kg	5.6					
Dichlorodifluoromethane	ND	ug/kg	28.					
Acetone	ND	ug/kg	28.					
Carbon disulfide	ND	ug/kg	28.					
2-Butanone	ND	ug/kg	28.					
Vinyl acetate	ND	ug/kg	28.					
4-Methyl-2-pentanone	ND	ug/kg	28.					
2-Hexanone	ND	ug/kg	28.					
Ethyl methacrylate	ND	ug/kg	28.					
Acrolein	ND	ug/kg	69.					
Acrylonitrile	ND	ug/kg	11.					
Bromochloromethane	ND	ug/kg	14.					
Tetrahydrofuran	ND	ug/kg	56.					
2,2-Dichloropropane	ND	ug/kg	14.					
1,2-Dibromoethane	ND	ug/kg	11.					
1,3-Dichloropropane	ND	ug/kg	14.					
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.8					
Bromobenzene	ND	ug/kg	14.					
n-Butylbenzene	ND	ug/kg	2.8					
sec-Butylbenzene	ND	ug/kg	2.8					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-09
AK-SB-5 (1'-2')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		1107 21:55	RY
tert-Butylbenzene	ND	ug/kg	14.					
o-Chlorotoluene	ND	ug/kg	14.					
p-Chlorotoluene	ND	ug/kg	14.					
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.					
Hexachlorobutadiene	ND	ug/kg	14.					
Isopropylbenzene	ND	ug/kg	2.8					
p-Isopropyltoluene	ND	ug/kg	2.8					
Naphthalene	ND	ug/kg	14.					
n-Propylbenzene	ND	ug/kg	2.8					
1,2,3-Trichlorobenzene	ND	ug/kg	14.					
1,2,4-Trichlorobenzene	ND	ug/kg	14.					
1,3,5-Trimethylbenzene	ND	ug/kg	14.					
1,2,4-Trimethylbenzene	ND	ug/kg	14.					
trans-1,4-Dichloro-2-butene	ND	ug/kg	14.					
Ethyl ether	ND	ug/kg	14.					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	103	%	70-130					
Toluene-d8	96.0	%	70-130					
4-Bromofluorobenzene	121	%	70-130					
Dibromofluoromethane	99.0	%	70-130					
SVOC's by GC/MS 8270				1	8270C	1103 20:35	1106 19:20	RL
Acenaphthene	ND	ug/kg	370					
Benzidine	ND	ug/kg	3700					
1,2,4-Trichlorobenzene	ND	ug/kg	370					
Hexachlorobenzene	ND	ug/kg	370					
Bis(2-chloroethyl)ether	ND	ug/kg	370					
1-Chloronaphthalene	ND	ug/kg	370					
2-Chloronaphthalene	ND	ug/kg	440					
1,2-Dichlorobenzene	ND	ug/kg	370					
1,3-Dichlorobenzene	ND	ug/kg	370					
1,4-Dichlorobenzene	ND	ug/kg	370					
3,3'-Dichlorobenzidine	ND	ug/kg	740					
2,4-Dinitrotoluene	ND	ug/kg	370					
2,6-Dinitrotoluene	ND	ug/kg	370					
Azobenzene	ND	ug/kg	370					
Fluoranthene	1900	ug/kg	370					
4-Chlorophenyl phenyl ether	ND	ug/kg	370					
4-Bromophenyl phenyl ether	ND	ug/kg	370					
Bis(2-chloroisopropyl)ether	ND	ug/kg	370					
Bis(2-chloroethoxy)methane	ND	ug/kg	370					
Hexachlorobutadiene	ND	ug/kg	740					
Hexachlorocyclopentadiene	ND	ug/kg	740					
Hexachloroethane	ND	ug/kg	370					
Isophorone	1400	ug/kg	370					
Naphthalene	ND	ug/kg	370					
Nitrobenzene	ND	ug/kg	370					
NDPA/DPA	ND	ug/kg	1100					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-09
AK-SB-5 (1'-2')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1106 19:20	RL
n-Nitrosodi-n-propylamine	ND	ug/kg	370					
Bis(2-ethylhexyl)phthalate	ND	ug/kg	740					
Butyl benzyl phthalate	ND	ug/kg	370					
Di-n-butylphthalate	ND	ug/kg	370					
Di-n-octylphthalate	ND	ug/kg	370					
Diethyl phthalate	ND	ug/kg	370					
Dimethyl phthalate	ND	ug/kg	370					
Benzo(a)anthracene	920	ug/kg	370					
Benzo(a)pyrene	920	ug/kg	370					
Benzo(b)fluoranthene	850	ug/kg	370					
Benzo(k)fluoranthene	720	ug/kg	370					
Chrysene	880	ug/kg	370					
Acenaphthylene	ND	ug/kg	370					
Anthracene	ND	ug/kg	370					
Benzo(ghi)perylene	630	ug/kg	370					
Fluorene	ND	ug/kg	370					
Phenanthrene	1200	ug/kg	370					
Dibenzo(a,h)anthracene	ND	ug/kg	370					
Indeno(1,2,3-cd)pyrene	700	ug/kg	370					
Pyrene	1600	ug/kg	370					
Benzo(e)pyrene	640	ug/kg	370					
Biphenyl	ND	ug/kg	370					
Perylene	ND	ug/kg	370					
Aniline	ND	ug/kg	740					
4-Chloroaniline	ND	ug/kg	370					
1-Methylnaphthalene	ND	ug/kg	370					
2-Nitroaniline	ND	ug/kg	370					
3-Nitroaniline	ND	ug/kg	370					
4-Nitroaniline	ND	ug/kg	520					
Dibenzofuran	ND	ug/kg	370					
a,a-Dimethylphenethylamine	ND	ug/kg	3700					
Hexachloropropene	ND	ug/kg	740					
Nitrosodi-n-butylamine	ND	ug/kg	740					
2-Methylnaphthalene	ND	ug/kg	370					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1500					
Pentachlorobenzene	ND	ug/kg	1500					
a-Naphthylamine	ND	ug/kg	1500					
b-Naphthylamine	ND	ug/kg	1500					
Phenacetin	ND	ug/kg	740					
Dimethoate	ND	ug/kg	1500					
4-Aminobiphenyl	ND	ug/kg	740					
Pentachloronitrobenzene	ND	ug/kg	740					
Isodrin	ND	ug/kg	740					
p-Dimethylaminoazobenzene	ND	ug/kg	740					
Chlorobenzilate	ND	ug/kg	1500					
3-Methylcholanthrene	ND	ug/kg	1500					
Ethyl Methanesulfonate	ND	ug/kg	1100					
Acetophenone	ND	ug/kg	1500					
Nitrosodipiperidine	ND	ug/kg	1500					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-09
AK-SB-5 (1'-2')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1106 19:20	RL
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	740					
n-Nitrosodimethylamine	ND	ug/kg	3700					
2,4,6-Trichlorophenol	ND	ug/kg	370					
p-Chloro-m-cresol	ND	ug/kg	370					
2-Chlorophenol	ND	ug/kg	440					
2,4-Dichlorophenol	ND	ug/kg	740					
2,4-Dimethylphenol	ND	ug/kg	370					
2-Nitrophenol	ND	ug/kg	1500					
4-Nitrophenol	ND	ug/kg	740					
2,4-Dinitrophenol	ND	ug/kg	1500					
4,6-Dinitro-o-cresol	ND	ug/kg	1500					
Pentachlorophenol	ND	ug/kg	1500					
Phenol	ND	ug/kg	520					
2-Methylphenol	ND	ug/kg	440					
3-Methylphenol/4-Methylphenol	ND	ug/kg	440					
2,4,5-Trichlorophenol	ND	ug/kg	370					
2,6-Dichlorophenol	ND	ug/kg	740					
Benzoic Acid	ND	ug/kg	3700					
Benzyl Alcohol	ND	ug/kg	740					
Carbazole	ND	ug/kg	370					
Pyridine	ND	ug/kg	3700					
2-Picoline	ND	ug/kg	1500					
Pronamide	ND	ug/kg	1500					
Methyl methanesulfonate	ND	ug/kg	1500					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	49.0	%	25-120					
Phenol-d6	79.0	%	10-120					
Nitrobenzene-d5	62.0	%	23-120					
2-Fluorobiphenyl	57.0	%	30-120					
2,4,6-Tribromophenol	41.0	%	19-120					
4-Terphenyl-d14	65.0	%	18-120					
PAH by GC/MS SIM 8270M				1	8270C-M	1103 20:35	1106 17:10	RL
Acenaphthene	140	ug/kg	74					
2-Chloronaphthalene	ND	ug/kg	74.					
Fluoranthene	2300	ug/kg	74					
Hexachlorobutadiene	ND	ug/kg	180					
Naphthalene	ND	ug/kg	74.					
Benzo(a)anthracene	1400	ug/kg	74					
Benzo(a)pyrene	1700	ug/kg	74					
Benzo(b)fluoranthene	1400	ug/kg	74					
Benzo(k)fluoranthene	980	ug/kg	74					
Chrysene	1000	ug/kg	74					
Acenaphthylene	160	ug/kg	74					
Anthracene	490	ug/kg	74					
Benzo(ghi)perylene	510	ug/kg	74					
Fluorene	140	ug/kg	74					
Phenanthrene	1400	ug/kg	74					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-09
AK-SB-5 (1'-2')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	1103 20:35	1106 17:10	RL
Dibenzo(a,h)anthracene	170	ug/kg	74					
Indeno(1,2,3-cd)Pyrene	600	ug/kg	74					
Pyrene	2100	ug/kg	74					
1-Methylnaphthalene	ND	ug/kg	74.					
2-Methylnaphthalene	ND	ug/kg	74.					
Pentachlorophenol	ND	ug/kg	300					
Hexachlorobenzene	ND	ug/kg	300					
Perylene	290	ug/kg	74					
Biphenyl	ND	ug/kg	74.					
2,6-Dimethylnaphthalene	ND	ug/kg	74.					
1-Methylphenanthrene	160	ug/kg	74					
Benzo(e)Pyrene	720	ug/kg	74					
Hexachloroethane	ND	ug/kg	300					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	53.0	%	25-120					
Phenol-d6	85.0	%	10-120					
Nitrobenzene-d5	60.0	%	23-120					
2-Fluorobiphenyl	57.0	%	30-120					
2,4,6-Tribromophenol	45.0	%	19-120					
4-Terphenyl-d14	77.0	%	18-120					
Polychlorinated Biphenyls				1	8082	1103 16:00	1108 03:55	AK
Aroclor 1016	ND	ug/kg	37.0					
Aroclor 1221	ND	ug/kg	37.0					
Aroclor 1232	ND	ug/kg	37.0					
Aroclor 1242	ND	ug/kg	37.0					
Aroclor 1248	ND	ug/kg	37.0					
Aroclor 1254	ND	ug/kg	37.0					
Aroclor 1260	ND	ug/kg	37.0					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	83.0	%	30-150					
Decachlorobiphenyl	63.0	%	30-150					
Organochlorine Pesticides				1	8081	1103 21:40	1108 07:47	JB
Delta-BHC	ND	ug/kg	37.0					
Lindane	ND	ug/kg	37.0					
Alpha-BHC	ND	ug/kg	37.0					
Beta-BHC	ND	ug/kg	37.0					
Heptachlor	ND	ug/kg	37.0					
Aldrin	ND	ug/kg	37.0					
Heptachlor epoxide	ND	ug/kg	37.0					
Endrin	ND	ug/kg	37.0					
Endrin aldehyde	ND	ug/kg	37.0					
Endrin ketone	ND	ug/kg	37.0					
Dieldrin	ND	ug/kg	37.0					
4,4'-DDE	ND	ug/kg	37.0					
4,4'-DDD	ND	ug/kg	37.0					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-09
AK-SB-5 (1'-2')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Organochlorine Pesticides cont'd				1	8081	1103 21:40	1108 07:47	JB
4,4'-DDT	ND	ug/kg	37.0					
Endosulfan I	ND	ug/kg	37.0					
Endosulfan II	ND	ug/kg	37.0					
Endosulfan sulfate	ND	ug/kg	37.0					
Methoxychlor	ND	ug/kg	148.					
Toxaphene	ND	ug/kg	148.					
Chlordane	ND	ug/kg	148.					
cis-Chlordane	ND	ug/kg	37.0					
trans-Chlordane	ND	ug/kg	37.0					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	ND	%	30-150					
Decachlorobiphenyl	ND	%	30-150					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0615863-10
AK-SB-5 (8'-9')
Sample Matrix: SOIL

Date Collected: 01-NOV-2006 12:10
Date Received : 02-NOV-2006
Date Reported : 09-NOV-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber,1-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	90	%	0.10	30	2540G		1107 12:01	PD
Total Metals				1	3051			
Aluminum, Total	5700	mg/kg	4.4	1	6010B	1103 18:30	1108 16:13	AI
Antimony, Total	ND	mg/kg	2.2	1	6010B	1103 18:30	1108 16:13	AI
Arsenic, Total	3.4	mg/kg	0.44	1	6010B	1103 18:30	1108 16:13	AI
Barium, Total	110	mg/kg	0.44	1	6010B	1103 18:30	1108 16:13	AI
Beryllium, Total	ND	mg/kg	0.22	1	6010B	1103 18:30	1108 16:13	AI
Cadmium, Total	0.60	mg/kg	0.44	1	6010B	1103 18:30	1108 16:13	AI
Calcium, Total	32000	mg/kg	44	1	6010B	1103 18:30	1109 11:05	AI
Chromium, Total	16	mg/kg	0.44	1	6010B	1103 18:30	1108 16:13	AI
Cobalt, Total	4.6	mg/kg	0.89	1	6010B	1103 18:30	1108 16:13	AI
Copper, Total	97	mg/kg	0.44	1	6010B	1103 18:30	1108 16:13	AI
Iron, Total	13000	mg/kg	2.2	1	6010B	1103 18:30	1108 16:13	AI
Lead, Total	190	mg/kg	2.2	1	6010B	1103 18:30	1108 16:13	AI
Magnesium, Total	13000	mg/kg	44	1	6010B	1103 18:30	1109 11:05	AI
Manganese, Total	140	mg/kg	0.44	1	6010B	1103 18:30	1108 16:13	AI
Mercury, Total	0.24	mg/kg	0.09	1	7471A	1106 16:25	1107 10:44	DM
Nickel, Total	10	mg/kg	1.1	1	6010B	1103 18:30	1108 16:13	AI
Potassium, Total	2200	mg/kg	110	1	6010B	1103 18:30	1108 16:13	AI
Selenium, Total	ND	mg/kg	0.89	1	6010B	1103 18:30	1108 16:13	AI
Silver, Total	ND	mg/kg	0.44	1	6010B	1103 18:30	1108 16:13	AI
Sodium, Total	180	mg/kg	89	1	6010B	1103 18:30	1108 16:13	AI
Thallium, Total	ND	mg/kg	0.44	1	6010B	1103 18:30	1108 16:13	AI
Vanadium, Total	25	mg/kg	0.44	1	6010B	1103 18:30	1108 16:13	AI
Zinc, Total	220	mg/kg	2.2	1	6010B	1103 18:30	1108 16:13	AI
Volatile Organics by GC/MS 8260				1	8260B		1107 22:30	RY
Methylene chloride	ND	ug/kg	28.					
1,1-Dichloroethane	ND	ug/kg	4.2					
Chloroform	ND	ug/kg	4.2					
Carbon tetrachloride	ND	ug/kg	2.8					
1,2-Dichloropropane	ND	ug/kg	9.7					
Dibromochloromethane	ND	ug/kg	2.8					
1,1,2-Trichloroethane	ND	ug/kg	4.2					
Tetrachloroethene	ND	ug/kg	2.8					
Chlorobenzene	ND	ug/kg	2.8					
Trichlorofluoromethane	ND	ug/kg	14.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-10
AK-SB-5 (8'-9')

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1 8260B		1107 22:30	RY
1,2-Dichloroethane	ND	ug/kg	2.8				
1,1,1-Trichloroethane	ND	ug/kg	2.8				
Bromodichloromethane	ND	ug/kg	2.8				
trans-1,3-Dichloropropene	ND	ug/kg	2.8				
cis-1,3-Dichloropropene	ND	ug/kg	2.8				
1,1-Dichloropropene	ND	ug/kg	14.				
Bromoform	ND	ug/kg	11.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.8				
Benzene	ND	ug/kg	2.8				
Toluene	ND	ug/kg	4.2				
Ethylbenzene	ND	ug/kg	2.8				
Chloromethane	ND	ug/kg	14.				
Bromomethane	ND	ug/kg	5.6				
Vinyl chloride	ND	ug/kg	5.6				
Chloroethane	ND	ug/kg	5.6				
1,1-Dichloroethene	ND	ug/kg	2.8				
trans-1,2-Dichloroethene	ND	ug/kg	4.2				
Trichloroethene	ND	ug/kg	2.8				
1,2-Dichlorobenzene	ND	ug/kg	14.				
1,3-Dichlorobenzene	ND	ug/kg	14.				
1,4-Dichlorobenzene	ND	ug/kg	14.				
Methyl tert butyl ether	ND	ug/kg	5.6				
p/m-Xylene	ND	ug/kg	5.6				
o-Xylene	ND	ug/kg	5.6				
cis-1,2-Dichloroethene	ND	ug/kg	2.8				
Dibromomethane	ND	ug/kg	28.				
1,4-Dichlorobutane	ND	ug/kg	28.				
Iodomethane	ND	ug/kg	28.				
1,2,3-Trichloropropane	ND	ug/kg	28.				
Styrene	ND	ug/kg	5.6				
Dichlorodifluoromethane	ND	ug/kg	28.				
Acetone	ND	ug/kg	28.				
Carbon disulfide	ND	ug/kg	28.				
2-Butanone	ND	ug/kg	28.				
Vinyl acetate	ND	ug/kg	28.				
4-Methyl-2-pentanone	ND	ug/kg	28.				
2-Hexanone	ND	ug/kg	28.				
Ethyl methacrylate	ND	ug/kg	28.				
Acrolein	ND	ug/kg	69.				
Acrylonitrile	ND	ug/kg	11.				
Bromochloromethane	ND	ug/kg	14.				
Tetrahydrofuran	ND	ug/kg	56.				
2,2-Dichloropropane	ND	ug/kg	14.				
1,2-Dibromoethane	ND	ug/kg	11.				
1,3-Dichloropropane	ND	ug/kg	14.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.8				
Bromobenzene	ND	ug/kg	14.				
n-Butylbenzene	ND	ug/kg	2.8				
sec-Butylbenzene	ND	ug/kg	2.8				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-10
AK-SB-5 (8'-9')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1	8260B		1107 22:30	RY
tert-Butylbenzene	ND	ug/kg	14.					
o-Chlorotoluene	ND	ug/kg	14.					
p-Chlorotoluene	ND	ug/kg	14.					
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.					
Hexachlorobutadiene	ND	ug/kg	14.					
Isopropylbenzene	ND	ug/kg	2.8					
p-Isopropyltoluene	ND	ug/kg	2.8					
Naphthalene	490	ug/kg	14					
n-Propylbenzene	ND	ug/kg	2.8					
1,2,3-Trichlorobenzene	ND	ug/kg	14.					
1,2,4-Trichlorobenzene	ND	ug/kg	14.					
1,3,5-Trimethylbenzene	ND	ug/kg	14					
1,2,4-Trimethylbenzene	20	ug/kg	14					
trans-1,4-Dichloro-2-butene	ND	ug/kg	14.					
Ethyl ether	ND	ug/kg	14.					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	105	%	70-130					
Toluene-d8	99.0	%	70-130					
4-Bromofluorobenzene	122	%	70-130					
Dibromofluoromethane	97.0	%	70-130					
SVOC's by GC/MS 8270				1	8270C	1103 20:35	1106 19:45	RL
Acenaphthene	800	ug/kg	670					
Benzidine	ND	ug/kg	6700					
1,2,4-Trichlorobenzene	ND	ug/kg	670					
Hexachlorobenzene	ND	ug/kg	670					
Bis(2-chloroethyl)ether	ND	ug/kg	670					
1-Chloronaphthalene	ND	ug/kg	670					
2-Chloronaphthalene	ND	ug/kg	800					
1,2-Dichlorobenzene	ND	ug/kg	670					
1,3-Dichlorobenzene	ND	ug/kg	670					
1,4-Dichlorobenzene	ND	ug/kg	670					
3,3'-Dichlorobenzidine	ND	ug/kg	1300					
2,4-Dinitrotoluene	ND	ug/kg	670					
2,6-Dinitrotoluene	ND	ug/kg	670					
Azobenzene	ND	ug/kg	670					
Fluoranthene	16000	ug/kg	670					
4-Chlorophenyl phenyl ether	ND	ug/kg	670					
4-Bromophenyl phenyl ether	ND	ug/kg	670					
Bis(2-chloroisopropyl)ether	ND	ug/kg	670					
Bis(2-chloroethoxy)methane	ND	ug/kg	670					
Hexachlorobutadiene	ND	ug/kg	1300					
Hexachlorocyclopentadiene	ND	ug/kg	1300					
Hexachloroethane	ND	ug/kg	670					
Isophorone	ND	ug/kg	670					
Naphthalene	700	ug/kg	670					
Nitrobenzene	ND	ug/kg	670					
NDPA/DPA	ND	ug/kg	2000					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-10
AK-SB-5 (8'-9')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1106 19:45	RL
n-Nitrosodi-n-propylamine	ND	ug/kg	670					
Bis(2-ethylhexyl)phthalate	ND	ug/kg	1300					
Butyl benzyl phthalate	ND	ug/kg	670					
Di-n-butylphthalate	ND	ug/kg	670					
Di-n-octylphthalate	ND	ug/kg	670					
Diethyl phthalate	ND	ug/kg	670					
Dimethyl phthalate	ND	ug/kg	670					
Benzo(a)anthracene	6900	ug/kg	670					
Benzo(a)pyrene	7100	ug/kg	670					
Benzo(b)fluoranthene	7000	ug/kg	670					
Benzo(k)fluoranthene	5200	ug/kg	670					
Chrysene	6900	ug/kg	670					
Acenaphthylene	ND	ug/kg	670					
Anthracene	2200	ug/kg	670					
Benzo(ghi)perylene	5000	ug/kg	670					
Fluorene	770	ug/kg	670					
Phenanthrene	7800	ug/kg	670					
Dibenzo(a,h)anthracene	1300	ug/kg	670					
Indeno(1,2,3-cd)pyrene	5200	ug/kg	670					
Pyrene	13000	ug/kg	670					
Benzo(e)pyrene	4600	ug/kg	670					
Biphenyl	ND	ug/kg	670					
Perylene	1800	ug/kg	670					
Aniline	ND	ug/kg	1300					
4-Chloroaniline	ND	ug/kg	670					
1-Methylnaphthalene	ND	ug/kg	670					
2-Nitroaniline	ND	ug/kg	670					
3-Nitroaniline	ND	ug/kg	670					
4-Nitroaniline	ND	ug/kg	930					
Dibenzofuran	ND	ug/kg	670					
a,a-Dimethylphenethylamine	ND	ug/kg	6700					
Hexachloropropene	ND	ug/kg	1300					
Nitrosodi-n-butylamine	ND	ug/kg	1300					
2-Methylnaphthalene	ND	ug/kg	670					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	2700					
Pentachlorobenzene	ND	ug/kg	2700					
a-Naphthylamine	ND	ug/kg	2700					
b-Naphthylamine	ND	ug/kg	2700					
Phenacetin	ND	ug/kg	1300					
Dimethoate	ND	ug/kg	2700					
4-Aminobiphenyl	ND	ug/kg	1300					
Pentachloronitrobenzene	ND	ug/kg	1300					
Isodrin	ND	ug/kg	1300					
p-Dimethylaminoazobenzene	ND	ug/kg	1300					
Chlorobenzilate	ND	ug/kg	2700					
3-Methylcholanthrene	ND	ug/kg	2700					
Ethyl Methanesulfonate	ND	ug/kg	2000					
Acetophenone	ND	ug/kg	2700					
Nitrosodipiperidine	ND	ug/kg	2700					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-10
AK-SB-5 (8'-9')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1106 19:45	RL
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	1300					
n-Nitrosodimethylamine	ND	ug/kg	6700					
2,4,6-Trichlorophenol	ND	ug/kg	670					
p-Chloro-m-cresol	ND	ug/kg	670					
2-Chlorophenol	ND	ug/kg	800					
2,4-Dichlorophenol	ND	ug/kg	1300					
2,4-Dimethylphenol	ND	ug/kg	670					
2-Nitrophenol	ND	ug/kg	2700					
4-Nitrophenol	ND	ug/kg	1300					
2,4-Dinitrophenol	ND	ug/kg	2700					
4,6-Dinitro-o-cresol	ND	ug/kg	2700					
Pentachlorophenol	ND	ug/kg	2700					
Phenol	ND	ug/kg	930					
2-Methylphenol	ND	ug/kg	800					
3-Methylphenol/4-Methylphenol	ND	ug/kg	800					
2,4,5-Trichlorophenol	ND	ug/kg	670					
2,6-Dichlorophenol	ND	ug/kg	1300					
Benzoic Acid	ND	ug/kg	6700					
Benzyl Alcohol	ND	ug/kg	1300					
Carbazole	800	ug/kg	670					
Pyridine	ND	ug/kg	6700					
2-Picoline	ND	ug/kg	2700					
Pronamide	ND	ug/kg	2700					
Methyl methanesulfonate	ND	ug/kg	2700					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	75.0	%	25-120					
Phenol-d6	117	%	10-120					
Nitrobenzene-d5	87.0	%	23-120					
2-Fluorobiphenyl	88.0	%	30-120					
2,4,6-Tribromophenol	85.0	%	19-120					
4-Terphenyl-d14	99.0	%	18-120					
PAH by GC/MS SIM 8270M				1	8270C-M	1103 20:35	1106 16:40	RL
Acenaphthene	950	ug/kg	130					
2-Chloronaphthalene	ND	ug/kg	130					
Fluoranthene	22000	ug/kg	130					
Hexachlorobutadiene	ND	ug/kg	330					
Naphthalene	820	ug/kg	130					
Benzo(a)anthracene	10000	ug/kg	130					
Benzo(a)pyrene	10000	ug/kg	130					
Benzo(b)fluoranthene	9800	ug/kg	130					
Benzo(k)fluoranthene	8300	ug/kg	130					
Chrysene	7900	ug/kg	130					
Acenaphthylene	480	ug/kg	130					
Anthracene	3100	ug/kg	130					
Benzo(ghi)perylene	5300	ug/kg	130					
Fluorene	850	ug/kg	130					
Phenanthrene	7700	ug/kg	130					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-10
AK-SB-5 (8'-9')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	1103 20:35	1106 16:40	RL
Dibenzo(a,h)anthracene	1200	ug/kg	130					
Indeno(1,2,3-cd)Pyrene	4400	ug/kg	130					
Pyrene	20000	ug/kg	130					
1-Methylnaphthalene	300	ug/kg	130					
2-Methylnaphthalene	480	ug/kg	130					
Pentachlorophenol	ND	ug/kg	530					
Hexachlorobenzene	ND	ug/kg	530					
Perylene	1900	ug/kg	130					
Biphenyl	ND	ug/kg	130					
2,6-Dimethylnaphthalene	150	ug/kg	130					
1-Methylphenanthrene	800	ug/kg	130					
Benzo(e)Pyrene	5900	ug/kg	130					
Hexachloroethane	ND	ug/kg	530					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	79.0	%	25-120					
Phenol-d6	107	%	10-120					
Nitrobenzene-d5	84.0	%	23-120					
2-Fluorobiphenyl	98.0	%	30-120					
2,4,6-Tribromophenol	72.0	%	19-120					
4-Terphenyl-d14	109	%	18-120					
Polychlorinated Biphenyls				1	8082	1103 16:00	1108 04:24	AK
Aroclor 1016	ND	ug/kg	37.0					
Aroclor 1221	ND	ug/kg	37.0					
Aroclor 1232	ND	ug/kg	37.0					
Aroclor 1242	ND	ug/kg	37.0					
Aroclor 1248	ND	ug/kg	37.0					
Aroclor 1254	81.3	ug/kg	37.0					
Aroclor 1260	ND	ug/kg	37.0					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	50.0	%	30-150					
Decachlorobiphenyl	36.0	%	30-150					
Organochlorine Pesticides				1	8081	1103 21:40	1108 08:15	JB
Delta-BHC	ND	ug/kg	148.					
Lindane	ND	ug/kg	148.					
Alpha-BHC	ND	ug/kg	148.					
Beta-BHC	ND	ug/kg	148.					
Heptachlor	ND	ug/kg	148.					
Aldrin	ND	ug/kg	148.					
Heptachlor epoxide	ND	ug/kg	148.					
Endrin	ND	ug/kg	148.					
Endrin aldehyde	ND	ug/kg	148.					
Endrin ketone	ND	ug/kg	148.					
Dieldrin	ND	ug/kg	148.					
4,4'-DDE	ND	ug/kg	148.					
4,4'-DDD	ND	ug/kg	148.					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-10
AK-SB-5 (8'-9')

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Organochlorine Pesticides cont'd				1	8081	1103 21:40	1108 08:15	JB
4,4'-DDT	ND	ug/kg	148					
Endosulfan I	ND	ug/kg	148.					
Endosulfan II	ND	ug/kg	148.					
Endosulfan sulfate	ND	ug/kg	148.					
Methoxychlor	ND	ug/kg	592.					
Toxaphene	ND	ug/kg	592.					
Chlordane	ND	ug/kg	592.					
cis-Chlordane	ND	ug/kg	148.					
trans-Chlordane	ND	ug/kg	148.					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	ND	%	30-150					
Decachlorobiphenyl	ND	%	30-150					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA086 NH:200301-A CT:PH-0574 ME:MA086 RI:65 NY:11148 NJ:MA935 Army:USACE

Laboratory Sample Number: L0615863-11
TRIP BLANK
Sample Matrix: WATER

Date Collected: 02-NOV-2006 09:05
Date Received : 02-NOV-2006
Date Reported : 09-NOV-2006

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 2-Vial

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260				1	8260B		1107 11:56	RY
Methylene chloride	ND	ug/l	5.0					
1,1-Dichloroethane	ND	ug/l	0.75					
Chloroform	ND	ug/l	0.75					
Carbon tetrachloride	ND	ug/l	0.50					
1,2-Dichloropropane	ND	ug/l	1.8					
Dibromochloromethane	ND	ug/l	0.50					
1,1,2-Trichloroethane	ND	ug/l	0.75					
Tetrachloroethene	ND	ug/l	0.50					
Chlorobenzene	ND	ug/l	0.50					
Trichlorofluoromethane	ND	ug/l	2.5					
1,2-Dichloroethane	ND	ug/l	0.50					
1,1,1-Trichloroethane	ND	ug/l	0.50					
Bromodichloromethane	ND	ug/l	0.50					
trans-1,3-Dichloropropene	ND	ug/l	0.50					
cis-1,3-Dichloropropene	ND	ug/l	0.50					
1,1-Dichloropropene	ND	ug/l	2.5					
Bromoform	ND	ug/l	2.0					
1,1,2,2-Tetrachloroethane	ND	ug/l	0.50					
Benzene	ND	ug/l	0.50					
Toluene	ND	ug/l	0.75					
Ethylbenzene	ND	ug/l	0.50					
Chloromethane	ND	ug/l	2.5					
Bromomethane	ND	ug/l	1.0					
Vinyl chloride	ND	ug/l	1.0					
Chloroethane	ND	ug/l	1.0					
1,1-Dichloroethene	ND	ug/l	0.50					
trans-1,2-Dichloroethene	ND	ug/l	0.75					
Trichloroethene	ND	ug/l	0.50					
1,2-Dichlorobenzene	ND	ug/l	2.5					
1,3-Dichlorobenzene	ND	ug/l	2.5					
1,4-Dichlorobenzene	ND	ug/l	2.5					
Methyl tert butyl ether	ND	ug/l	1.0					
p/m-Xylene	ND	ug/l	1.0					
o-Xylene	ND	ug/l	1.0					
cis-1,2-Dichloroethene	ND	ug/l	0.50					
Dibromomethane	ND	ug/l	5.0					
1,4-Dichlorobutane	ND	ug/l	5.0					
Iodomethane	ND	ug/l	5.0					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: L0615863-11
TRIP BLANK

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Volatile Organics by GC/MS 8260 cont'd				1 8260B		1107 11:56	RY
1,2,3-Trichloropropane	ND	ug/l	5.0				
Styrene	ND	ug/l	1.0				
Dichlorodifluoromethane	ND	ug/l	5.0				
Acetone	ND	ug/l	5.0				
Carbon disulfide	ND	ug/l	5.0				
2-Butanone	ND	ug/l	5.0				
Vinyl acetate	ND	ug/l	5.0				
4-Methyl-2-pentanone	ND	ug/l	5.0				
2-Hexanone	ND	ug/l	5.0				
Ethyl methacrylate	ND	ug/l	5.0				
Acrolein	ND	ug/l	12.				
Acrylonitrile	ND	ug/l	5.0				
Bromochloromethane	ND	ug/l	2.5				
Tetrahydrofuran	ND	ug/l	10.				
2,2-Dichloropropane	ND	ug/l	2.5				
1,2-Dibromoethane	ND	ug/l	2.0				
1,3-Dichloropropane	ND	ug/l	2.5				
1,1,1,2-Tetrachloroethane	ND	ug/l	0.50				
Bromobenzene	ND	ug/l	2.5				
n-Butylbenzene	ND	ug/l	0.50				
sec-Butylbenzene	ND	ug/l	0.50				
tert-Butylbenzene	ND	ug/l	2.5				
o-Chlorotoluene	ND	ug/l	2.5				
p-Chlorotoluene	ND	ug/l	2.5				
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5				
Hexachlorobutadiene	ND	ug/l	0.60				
Isopropylbenzene	ND	ug/l	0.50				
p-Isopropyltoluene	ND	ug/l	0.50				
Naphthalene	ND	ug/l	2.5				
n-Propylbenzene	ND	ug/l	0.50				
1,2,3-Trichlorobenzene	ND	ug/l	2.5				
1,2,4-Trichlorobenzene	ND	ug/l	2.5				
1,3,5-Trimethylbenzene	ND	ug/l	2.5				
1,2,4-Trimethylbenzene	ND	ug/l	2.5				
trans-1,4-Dichloro-2-butene	ND	ug/l	2.5				
Ethyl ether	ND	ug/l	2.5				
Surrogate(s)	Recovery		QC Criteria				
1,2-Dichloroethane-d4	112	%	70-130				
Toluene-d8	117	%	70-130				
4-Bromofluorobenzene	119	%	70-130				
Dibromofluoromethane	104	%	70-130				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH DUPLICATE ANALYSIS

Laboratory Job Number: L0615863

Parameter	Value 1	Value 2	Units	RPD	RPD Limits
Solids, Total for sample(s) 03 (L0615685-02, WG259457-1)					
Solids, Total	93	93	%	0	20
Solids, Total for sample(s) 01-02,04-10 (L0615863-10, WG259746-1)					
Solids, Total	90	90	%	0	20
Total Metals for sample(s) 01-10 (L0615863-01, WG259539-1)					
Aluminum, Total	4800	5100	mg/kg	6	35
Antimony, Total	3.8	4.7	mg/kg	21	35
Arsenic, Total	4.6	3.7	mg/kg	22	35
Barium, Total	58	71	mg/kg	20	35
Beryllium, Total	ND	ND	mg/kg	NC	35
Cadmium, Total	0.98	0.82	mg/kg	18	35
Calcium, Total	39000	36000	mg/kg	8	35
Chromium, Total	13	14	mg/kg	7	35
Cobalt, Total	5.8	6.0	mg/kg	3	35
Copper, Total	160	180	mg/kg	12	35
Iron, Total	20000	13000	mg/kg	42	35
Lead, Total	320	360	mg/kg	12	35
Magnesium, Total	10000	9700	mg/kg	3	35
Manganese, Total	180	190	mg/kg	5	35
Nickel, Total	15	14	mg/kg	7	35
Potassium, Total	1100	1500	mg/kg	31	35
Selenium, Total	ND	ND	mg/kg	NC	35
Silver, Total	ND	ND	mg/kg	NC	35
Sodium, Total	230	200	mg/kg	14	35
Thallium, Total	ND	ND	mg/kg	NC	35
Vanadium, Total	30	31	mg/kg	3	35
Zinc, Total	360	370	mg/kg	3	35
Total Metals for sample(s) 01-10 (L0615863-05, WG259651-3)					
Mercury, Total	0.43	0.47	mg/kg	9	35

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0615863

Parameter	% Recovery	QC Criteria
Total Metals LCS for sample(s) 01-10 (WG259539-4)		
Aluminum, Total	94	70-140
Antimony, Total	91	70-140
Arsenic, Total	95	70-140
Barium, Total	94	70-140
Beryllium, Total	96	70-140
Cadmium, Total	94	70-140
Calcium, Total	91	70-140
Chromium, Total	94	70-140
Cobalt, Total	91	70-140
Copper, Total	88	70-140
Iron, Total	94	70-140
Lead, Total	94	70-140
Magnesium, Total	94	70-140
Manganese, Total	91	70-140
Nickel, Total	86	70-140
Potassium, Total	86	70-140
Selenium, Total	97	70-140
Silver, Total	97	70-140
Sodium, Total	91	70-140
Thallium, Total	95	70-140
Vanadium, Total	91	70-140
Zinc, Total	91	70-140
Total Metals LCS for sample(s) 01-10 (WG259651-1)		
Mercury, Total	96	85-115
Volatile Organics by GC/MS 8260 LCS for sample(s) 01-10 (WG260054-3)		
Chlorobenzene	95	60-133
Benzene	95	66-142
Toluene	89	59-139
1,1-Dichloroethene	100	59-172
Trichloroethene	97	62-137
Surrogate(s)		
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	102	70-130
Dibromofluoromethane	100	70-130
SVOC's by GC/MS 8270 LCS for sample(s) 01-10 (WG259543-2)		
Acenaphthene	65	31-137
1,2,4-Trichlorobenzene	56	38-107
2-Chloronaphthalene	63	40-140
1,2-Dichlorobenzene	51	40-140
1,4-Dichlorobenzene	52	28-104
2,4-Dinitrotoluene	86	28-89
2,6-Dinitrotoluene	86	40-140
Fluoranthene	90	40-140

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0615863

Continued

Parameter	% Recovery	QC Criteria
SVOC's by GC/MS 8270 LCS for sample(s) 01-10 (WG259543-2)		
4-Chlorophenyl phenyl ether	76	40-140
n-Nitrosodi-n-propylamine	50	41-126
Butyl benzyl phthalate	88	40-140
Anthracene	83	40-140
Pyrene	85	35-142
Hexachloropropene	61	40-140
P-Chloro-M-Cresol	67	26-103
2-Chlorophenol	51	25-102
2-Nitrophenol	51	30-130
4-Nitrophenol	82	11-114
2,4-Dinitrophenol	42	30-130
Pentachlorophenol	76	17-109
Phenol	48	26-90
Surrogate(s)		
2-Fluorophenol	47	25-120
Phenol-d6	72	10-120
Nitrobenzene-d5	55	23-120
2-Fluorobiphenyl	58	30-120
2,4,6-Tribromophenol	81	19-120
4-Terphenyl-d14	85	18-120
PAH by GC/MS SIM 8270M LCS for sample(s) 01-10 (WG259544-2)		
Acenaphthene	60	31-137
2-Chloronaphthalene	58	40-140
Fluoranthene	81	40-140
Anthracene	88	40-140
Pyrene	88	35-142
Pentachlorophenol	48	17-109
Surrogate(s)		
2-Fluorophenol	60	25-120
Phenol-d6	81	10-120
Nitrobenzene-d5	58	23-120
2-Fluorobiphenyl	53	30-120
2,4,6-Tribromophenol	63	19-120
4-Terphenyl-d14	98	18-120
Polychlorinated Biphenyls LCS for sample(s) 01-10 (WG259491-2)		
Aroclor 1016	48	40-140
Aroclor 1260	56	40-140
Surrogate(s)		
2,4,5,6-Tetrachloro-m-xylene	41	30-150
Decachlorobiphenyl	44	30-150

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0615863

Continued

Parameter	% Recovery	QC Criteria
Organochlorine Pesticides LCS for sample(s) 01-10 (WG259542-2)		
Delta-BHC	76	30-150
Lindane	72	30-150
Alpha-BHC	70	30-150
Beta-BHC	75	30-150
Heptachlor	82	30-150
Aldrin	71	30-150
Heptachlor epoxide	76	30-150
Endrin	87	30-150
Endrin aldehyde	57	30-150
Endrin ketone	72	30-150
Dieldrin	78	30-150
4,4'-DDE	77	30-150
4,4'-DDD	93	30-150
4,4'-DDT	82	30-150
Endosulfan I	75	30-150
Endosulfan II	75	30-150
Endosulfan sulfate	75	30-150
Methoxychlor	101	30-150
cis-Chlordane	74	30-150
trans-Chlordane	78	30-150
Surrogate(s)		
2,4,5,6-Tetrachloro-m-xylene	64	30-150
Decachlorobiphenyl	65	30-150
Total Metals SPIKE for sample(s) 01-10 (L0615863-01, WG259539-2)		
Aluminum, Total	326	70-140
Antimony, Total	75	70-140
Arsenic, Total	65	70-140
Barium, Total	78	70-140
Beryllium, Total	87	70-140
Cadmium, Total	73	70-140
Calcium, Total	0	70-140
Chromium, Total	72	70-140
Cobalt, Total	79	70-140
Copper, Total	87	70-140
Iron, Total	0	70-140
Lead, Total	0	70-140
Magnesium, Total	0	70-140
Manganese, Total	43	70-140
Nickel, Total	61	70-140
Potassium, Total	217	70-140
Selenium, Total	81	70-140
Silver, Total	97	70-140
Sodium, Total	111	70-140
Thallium, Total	69	70-140
Vanadium, Total	69	70-140
Zinc, Total	0	70-140

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0615863

Continued

Parameter	% Recovery	QC Criteria
Total Metals SPIKE for sample(s) 01-10 (L0615863-05, WG259651-2)		
Mercury, Total	112	70-130

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0615863

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
Volatile Organics by GC/MS 8260 for sample(s) 01-10 (L0615863-01, WG260054-2)					
Chlorobenzene	86	77	11	30	60-133
Benzene	90	84	7	30	66-142
Toluene	87	80	8	30	59-139
1,1-Dichloroethene	86	80	7	30	59-172
Trichloroethene	82	74	10	30	62-137
Surrogate(s)					
1,2-Dichloroethane-d4	92	92	0		70-130
Toluene-d8	99	99	0		70-130
4-Bromofluorobenzene	122	123	1		70-130
Dibromofluoromethane	95	95	0		70-130
Volatile Organics by GC/MS 8260 for sample(s) 11 (L0615954-04, WG260086-2)					
Chlorobenzene	97	105	8	20	75-130
Benzene	97	101	4	20	76-127
Toluene	98	105	7	20	76-125
1,1-Dichloroethene	93	98	5	20	61-145
Trichloroethene	94	95	1	20	71-120
Surrogate(s)					
1,2-Dichloroethane-d4	97	96	1		70-130
Toluene-d8	100	100	0		70-130
4-Bromofluorobenzene	101	101	0		70-130
Dibromofluoromethane	99	100	1		70-130
SVOC's by GC/MS 8270 for sample(s) 01-10 (L0615863-01, WG259543-4)					
Acenaphthene	70	140	67	50	31-137
1,2,4-Trichlorobenzene	49	89	58	50	38-107
2-Chloronaphthalene	59	99	51	50	40-140
1,2-Dichlorobenzene	49	81	49	50	40-140
1,4-Dichlorobenzene	50	83	50	50	28-104
2,4-Dinitrotoluene	59	88	39	50	28-89
2,6-Dinitrotoluene	70	100	35	50	40-140
Fluoranthene	0	460	200	50	40-140
4-Chlorophenyl phenyl ether	66	100	41	50	40-140
n-Nitrosodi-n-propylamine	54	83	42	50	41-126
Butyl benzyl phthalate	72	110	42	50	40-140
Anthracene	39	160	122	50	40-140
Pyrene	0	370	200	50	35-142
Hexachloropropene	21	46	75	50	40-140
P-Chloro-M-Cresol	65	97	40	50	26-103
2-Chlorophenol	49	84	53	50	25-102
2-Nitrophenol	40	71	56	50	30-130
4-Nitrophenol	59	90	42	50	11-114
2,4-Dinitrophenol	34	34	0	50	30-130
Pentachlorophenol	11	32	98	50	17-109
Phenol	47	77	48	50	26-90

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH MS/MSD ANALYSIS

Laboratory Job Number: L0615863

Continued

Parameter	MS %	MSD %	RPD	RPD Limit	MS/MSD Limits
SVOC's by GC/MS 8270 for sample(s) 01-10 (L0615863-01, WG259543-4)					
Surrogate(s)					
2-Fluorophenol	45	77	52		25-120
Phenol-d6	68	117	53		10-120
Nitrobenzene-d5	54	92	52		23-120
2-Fluorobiphenyl	56	90	47		30-120
2,4,6-Tribromophenol	51	91	56		19-120
4-Terphenyl-d14	65	97	40		18-120
PAH by GC/MS SIM 8270M for sample(s) 01-10 (L0615863-01, WG259544-4)					
Acenaphthene	58	140	83	50	40-140
2-Chloronaphthalene	62	100	47	50	40-140
Fluoranthene	0	390	200	50	40-140
Anthracene	53	210	119	50	40-140
Pyrene	0	340	200	50	40-140
Pentachlorophenol	28	54	63	50	40-140
Surrogate(s)					
2-Fluorophenol	0	0	NC		25-120
Phenol-d6	0	0	NC		10-120
Nitrobenzene-d5	0	0	NC		23-120
2-Fluorobiphenyl	0	0	NC		30-120
2,4,6-Tribromophenol	0	0	NC		19-120
4-Terphenyl-d14	0	0	NC		18-120
Polychlorinated Biphenyls for sample(s) 01-10 (L0615863-01, WG259491-4)					
Aroclor 1016	74	62	17	50	40-140
Aroclor 1260	60	49	21	50	40-140
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	60	49	20		30-150
Decachlorobiphenyl	49	44	11		30-150

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0615863

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 01-10 (WG259539-3)								
Total Metals				1	3051			
Aluminum, Total	ND	mg/kg	4.0	1	6010B	1103 18:30	1108 14:57	AI
Antimony, Total	ND	mg/kg	2.0	1	6010B	1103 18:30	1108 14:57	AI
Arsenic, Total	ND	mg/kg	0.40	1	6010B	1103 18:30	1108 14:57	AI
Barium, Total	ND	mg/kg	0.40	1	6010B	1103 18:30	1108 14:57	AI
Beryllium, Total	ND	mg/kg	0.20	1	6010B	1103 18:30	1108 14:57	AI
Cadmium, Total	ND	mg/kg	0.40	1	6010B	1103 18:30	1108 14:57	AI
Calcium, Total	4.6	mg/kg	4.0	1	6010B	1103 18:30	1108 14:57	AI
Chromium, Total	ND	mg/kg	0.40	1	6010B	1103 18:30	1108 14:57	AI
Cobalt, Total	ND	mg/kg	0.80	1	6010B	1103 18:30	1108 14:57	AI
Copper, Total	ND	mg/kg	0.40	1	6010B	1103 18:30	1108 14:57	AI
Iron, Total	ND	mg/kg	2.0	1	6010B	1103 18:30	1108 14:57	AI
Lead, Total	ND	mg/kg	2.0	1	6010B	1103 18:30	1108 14:57	AI
Magnesium, Total	ND	mg/kg	4.0	1	6010B	1103 18:30	1108 14:57	AI
Manganese, Total	ND	mg/kg	0.40	1	6010B	1103 18:30	1108 14:57	AI
Nickel, Total	ND	mg/kg	1.0	1	6010B	1103 18:30	1108 14:57	AI
Potassium, Total	ND	mg/kg	100	1	6010B	1103 18:30	1108 14:57	AI
Selenium, Total	ND	mg/kg	0.80	1	6010B	1103 18:30	1108 14:57	AI
Silver, Total	ND	mg/kg	0.40	1	6010B	1103 18:30	1108 14:57	AI
Sodium, Total	ND	mg/kg	80	1	6010B	1103 18:30	1108 14:57	AI
Thallium, Total	ND	mg/kg	0.40	1	6010B	1103 18:30	1108 14:57	AI
Vanadium, Total	ND	mg/kg	0.40	1	6010B	1103 18:30	1108 14:57	AI
Zinc, Total	ND	mg/kg	2.0	1	6010B	1103 18:30	1108 14:57	AI
Blank Analysis for sample(s) 01-10 (WG259651-4)								
Total Metals								
Mercury, Total	ND	mg/kg	0.08	1	7471A	1106 16:25	1107 10:16	DM
Blank Analysis for sample(s) 01-10 (WG260054-4)								
Volatile Organics by GC/MS 8260				1	8260B		1107 15:23	RY
Methylene chloride	ND	ug/kg	25.					
1,1-Dichloroethane	ND	ug/kg	3.8					
Chloroform	ND	ug/kg	3.8					
Carbon tetrachloride	ND	ug/kg	2.5					
1,2-Dichloropropane	ND	ug/kg	8.8					
Dibromochloromethane	ND	ug/kg	2.5					
1,1,2-Trichloroethane	ND	ug/kg	3.8					
Tetrachloroethene	ND	ug/kg	2.5					
Chlorobenzene	ND	ug/kg	2.5					
Trichlorofluoromethane	ND	ug/kg	12.					
1,2-Dichloroethane	ND	ug/kg	2.5					
1,1,1-Trichloroethane	ND	ug/kg	2.5					
Bromodichloromethane	ND	ug/kg	2.5					
trans-1,3-Dichloropropene	ND	ug/kg	2.5					
cis-1,3-Dichloropropene	ND	ug/kg	2.5					

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0615863

Continued

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 01-10 (WG260054-4)							
Volatile Organics by GC/MS 8260 cont'd				1 8260B		1107 15:23	RY
1,1-Dichloropropene	ND	ug/kg	12.				
Bromoform	ND	ug/kg	10.				
1,1,2,2-Tetrachloroethane	ND	ug/kg	2.5				
Benzene	ND	ug/kg	2.5				
Toluene	ND	ug/kg	3.8				
Ethylbenzene	ND	ug/kg	2.5				
Chloromethane	ND	ug/kg	12.				
Bromomethane	ND	ug/kg	5.0				
Vinyl chloride	ND	ug/kg	5.0				
Chloroethane	ND	ug/kg	5.0				
1,1-Dichloroethene	ND	ug/kg	2.5				
trans-1,2-Dichloroethene	ND	ug/kg	3.8				
Trichloroethene	ND	ug/kg	2.5				
1,2-Dichlorobenzene	ND	ug/kg	12.				
1,3-Dichlorobenzene	ND	ug/kg	12.				
1,4-Dichlorobenzene	ND	ug/kg	12.				
Methyl tert butyl ether	ND	ug/kg	5.0				
p/m-Xylene	ND	ug/kg	5.0				
o-Xylene	ND	ug/kg	5.0				
cis-1,2-Dichloroethene	ND	ug/kg	2.5				
Dibromomethane	ND	ug/kg	25.				
1,4-Dichlorobutane	ND	ug/kg	25.				
Iodomethane	ND	ug/kg	25.				
1,2,3-Trichloropropane	ND	ug/kg	25.				
Styrene	ND	ug/kg	5.0				
Dichlorodifluoromethane	ND	ug/kg	25.				
Acetone	ND	ug/kg	25.				
Carbon disulfide	ND	ug/kg	25.				
2-Butanone	ND	ug/kg	25.				
Vinyl acetate	ND	ug/kg	25.				
4-Methyl-2-pentanone	ND	ug/kg	25.				
2-Hexanone	ND	ug/kg	25.				
Ethyl methacrylate	ND	ug/kg	25.				
Acrolein	ND	ug/kg	62.				
Acrylonitrile	ND	ug/kg	10.				
Bromochloromethane	ND	ug/kg	12.				
Tetrahydrofuran	ND	ug/kg	50.				
2,2-Dichloropropane	ND	ug/kg	12.				
1,2-Dibromoethane	ND	ug/kg	10.				
1,3-Dichloropropane	ND	ug/kg	12.				
1,1,1,2-Tetrachloroethane	ND	ug/kg	2.5				
Bromobenzene	ND	ug/kg	12.				
n-Butylbenzene	ND	ug/kg	2.5				
sec-Butylbenzene	ND	ug/kg	2.5				
tert-Butylbenzene	ND	ug/kg	12.				
o-Chlorotoluene	ND	ug/kg	12.				

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0615863

Continued

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 01-10 (WG260054-4)								
Volatile Organics by GC/MS 8260 cont'd				1	8260B		1107 15:23	RY
p-Chlorotoluene	ND	ug/kg	12.					
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.					
Hexachlorobutadiene	ND	ug/kg	12.					
Isopropylbenzene	ND	ug/kg	2.5					
p-Isopropyltoluene	ND	ug/kg	2.5					
Naphthalene	ND	ug/kg	12.					
n-Propylbenzene	ND	ug/kg	2.5					
1,2,3-Trichlorobenzene	ND	ug/kg	12.					
1,2,4-Trichlorobenzene	ND	ug/kg	12.					
1,3,5-Trimethylbenzene	ND	ug/kg	12.					
1,2,4-Trimethylbenzene	ND	ug/kg	12.					
trans-1,4-Dichloro-2-butene	ND	ug/kg	12.					
Ethyl ether	ND	ug/kg	12.					
Surrogate(s)	Recovery		QC Criteria					
1,2-Dichloroethane-d4	105	%	70-130					
Toluene-d8	93.0	%	70-130					
4-Bromofluorobenzene	102	%	70-130					
Dibromofluoromethane	98.0	%	70-130					
Blank Analysis for sample(s) 01-10 (WG259543-1)								
SVOC's by GC/MS 8270				1	8270C	1103 20:35	1106 17:18	RL
Acenaphthene	ND	ug/kg	330					
Benzidine	ND	ug/kg	3300					
1,2,4-Trichlorobenzene	ND	ug/kg	330					
Hexachlorobenzene	ND	ug/kg	330					
Bis(2-chloroethyl)ether	ND	ug/kg	330					
1-Chloronaphthalene	ND	ug/kg	330					
2-Chloronaphthalene	ND	ug/kg	400					
1,2-Dichlorobenzene	ND	ug/kg	330					
1,3-Dichlorobenzene	ND	ug/kg	330					
1,4-Dichlorobenzene	ND	ug/kg	330					
3,3'-Dichlorobenzidine	ND	ug/kg	670					
2,4-Dinitrotoluene	ND	ug/kg	330					
2,6-Dinitrotoluene	ND	ug/kg	330					
Azobenzene	ND	ug/kg	330					
Fluoranthene	ND	ug/kg	330					
4-Chlorophenyl phenyl ether	ND	ug/kg	330					
4-Bromophenyl phenyl ether	ND	ug/kg	330					
Bis(2-chloroisopropyl)ether	ND	ug/kg	330					
Bis(2-chloroethoxy)methane	ND	ug/kg	330					
Hexachlorobutadiene	ND	ug/kg	670					
Hexachlorocyclopentadiene	ND	ug/kg	670					
Hexachloroethane	ND	ug/kg	330					
Isophorone	ND	ug/kg	330					
Naphthalene	ND	ug/kg	330					

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0615863

Continued

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 01-10 (WG259543-1)								
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1106 17:18	RL
Nitrobenzene	ND	ug/kg	330					
NDPA/DPA	ND	ug/kg	1000					
n-Nitrosodi-n-propylamine	ND	ug/kg	330					
Bis(2-ethylhexyl)phthalate	ND	ug/kg	670					
Butyl benzyl phthalate	ND	ug/kg	330					
Di-n-butylphthalate	ND	ug/kg	330					
Di-n-octylphthalate	ND	ug/kg	330					
Diethyl phthalate	ND	ug/kg	330					
Dimethyl phthalate	ND	ug/kg	330					
Benzo(a)anthracene	ND	ug/kg	330					
Benzo(a)pyrene	ND	ug/kg	330					
Benzo(b)fluoranthene	ND	ug/kg	330					
Benzo(k)fluoranthene	ND	ug/kg	330					
Chrysene	ND	ug/kg	330					
Acenaphthylene	ND	ug/kg	330					
Anthracene	ND	ug/kg	330					
Benzo(ghi)perylene	ND	ug/kg	330					
Fluorene	ND	ug/kg	330					
Phenanthrene	ND	ug/kg	330					
Dibenzo(a,h)anthracene	ND	ug/kg	330					
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330					
Pyrene	ND	ug/kg	330					
Benzo(e)pyrene	ND	ug/kg	330					
Biphenyl	ND	ug/kg	330					
Perylene	ND	ug/kg	330					
Aniline	ND	ug/kg	670					
4-Chloroaniline	ND	ug/kg	330					
1-Methylnaphthalene	ND	ug/kg	330					
2-Nitroaniline	ND	ug/kg	330					
3-Nitroaniline	ND	ug/kg	330					
4-Nitroaniline	ND	ug/kg	470					
Dibenzofuran	ND	ug/kg	330					
a,a-Dimethylphenethylamine	ND	ug/kg	3300					
Hexachloropropene	ND	ug/kg	670					
Nitrosodi-n-butylamine	ND	ug/kg	670					
2-Methylnaphthalene	ND	ug/kg	330					
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	1300					
Pentachlorobenzene	ND	ug/kg	1300					
a-Naphthylamine	ND	ug/kg	1300					
b-Naphthylamine	ND	ug/kg	1300					
Phenacetin	ND	ug/kg	670					
Dimethoate	ND	ug/kg	1300					
4-Aminobiphenyl	ND	ug/kg	670					
Pentachloronitrobenzene	ND	ug/kg	670					
Isodrin	ND	ug/kg	670					
p-Dimethylaminoazobenzene	ND	ug/kg	670					

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0615863

Continued

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 01-10 (WG259543-1)								
SVOC's by GC/MS 8270 cont'd				1	8270C	1103 20:35	1106 17:18	RL
Chlorobenzilate	ND	ug/kg	1300					
3-Methylcholanthrene	ND	ug/kg	1300					
Ethyl Methanesulfonate	ND	ug/kg	1000					
Acetophenone	ND	ug/kg	1300					
Nitrosodipiperidine	ND	ug/kg	1300					
7,12-Dimethylbenz(a)anthracene	ND	ug/kg	670					
n-Nitrosodimethylamine	ND	ug/kg	3300					
2,4,6-Trichlorophenol	ND	ug/kg	330					
p-Chloro-m-cresol	ND	ug/kg	330					
2-Chlorophenol	ND	ug/kg	400					
2,4-Dichlorophenol	ND	ug/kg	670					
2,4-Dimethylphenol	ND	ug/kg	330					
2-Nitrophenol	ND	ug/kg	1300					
4-Nitrophenol	ND	ug/kg	670					
2,4-Dinitrophenol	ND	ug/kg	1300					
4,6-Dinitro-o-cresol	ND	ug/kg	1300					
Pentachlorophenol	ND	ug/kg	1300					
Phenol	ND	ug/kg	470					
2-Methylphenol	ND	ug/kg	400					
3-Methylphenol/4-Methylphenol	ND	ug/kg	400					
2,4,5-Trichlorophenol	ND	ug/kg	330					
2,6-Dichlorophenol	ND	ug/kg	670					
Benzoic Acid	ND	ug/kg	3300					
Benzyl Alcohol	ND	ug/kg	670					
Carbazole	ND	ug/kg	330					
Pyridine	ND	ug/kg	3300					
2-Picoline	ND	ug/kg	1300					
Pronamide	ND	ug/kg	1300					
Methyl methanesulfonate	ND	ug/kg	1300					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	66.0	%	25-120					
Phenol-d6	90.0	%	10-120					
Nitrobenzene-d5	75.0	%	23-120					
2-Fluorobiphenyl	65.0	%	30-120					
2,4,6-Tribromophenol	56.0	%	19-120					
4-Terphenyl-d14	98.0	%	18-120					
Blank Analysis for sample(s) 01-10 (WG259544-1)								
PAH by GC/MS SIM 8270M				1	8270C-M	1103 20:35	1106 11:52	RL
Acenaphthene	ND	ug/kg	13.					
2-Chloronaphthalene	ND	ug/kg	13.					
Fluoranthene	ND	ug/kg	13.					
Hexachlorobutadiene	ND	ug/kg	33.					
Naphthalene	ND	ug/kg	13.					
Benzo(a)anthracene	ND	ug/kg	13.					

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0615863

Continued

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 01-10 (WG259544-1)								
PAH by GC/MS SIM 8270M cont'd				1	8270C-M	1103 20:35	1106 11:52	RL
Benzo(a)pyrene	ND	ug/kg	13.					
Benzo(b)fluoranthene	ND	ug/kg	13.					
Benzo(k)fluoranthene	ND	ug/kg	13.					
Chrysene	ND	ug/kg	13.					
Acenaphthylene	ND	ug/kg	13.					
Anthracene	ND	ug/kg	13.					
Benzo(ghi)perylene	ND	ug/kg	13.					
Fluorene	ND	ug/kg	13.					
Phenanthrene	ND	ug/kg	13.					
Dibenzo(a,h)anthracene	ND	ug/kg	13.					
Indeno(1,2,3-cd)Pyrene	ND	ug/kg	13.					
Pyrene	ND	ug/kg	13.					
1-Methylnaphthalene	ND	ug/kg	13.					
2-Methylnaphthalene	ND	ug/kg	13.					
Pentachlorophenol	ND	ug/kg	53.					
Hexachlorobenzene	ND	ug/kg	53.					
Perylene	ND	ug/kg	13.					
Biphenyl	ND	ug/kg	13.					
2,6-Dimethylnaphthalene	ND	ug/kg	13.					
1-Methylphenanthrene	ND	ug/kg	13.					
Benzo(e)Pyrene	ND	ug/kg	13.					
Hexachloroethane	ND	ug/kg	53.					
Surrogate(s)	Recovery		QC Criteria					
2-Fluorophenol	65.0	%	25-120					
Phenol-d6	88.0	%	10-120					
Nitrobenzene-d5	66.0	%	23-120					
2-Fluorobiphenyl	56.0	%	30-120					
2,4,6-Tribromophenol	63.0	%	19-120					
4-Terphenyl-d14	93.0	%	18-120					
Blank Analysis for sample(s) 01-10 (WG259491-1)								
Polychlorinated Biphenyls				1	8082	1103 16:00	1107 19:21	AK
Aroclor 1016	ND	ug/kg	33.3					
Aroclor 1221	ND	ug/kg	33.3					
Aroclor 1232	ND	ug/kg	33.3					
Aroclor 1242	ND	ug/kg	33.3					
Aroclor 1248	ND	ug/kg	33.3					
Aroclor 1254	ND	ug/kg	33.3					
Aroclor 1260	ND	ug/kg	33.3					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	46.0	%	30-150					
Decachlorobiphenyl	53.0	%	30-150					

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0615863

Continued

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 01-10 (WG259542-1)								
Organochlorine Pesticides				1	8081	1103 21:40	1107 22:43	JB
Delta-BHC	ND	ug/kg	3.33					
Lindane	ND	ug/kg	3.33					
Alpha-BHC	ND	ug/kg	3.33					
Beta-BHC	ND	ug/kg	3.33					
Heptachlor	ND	ug/kg	3.33					
Aldrin	ND	ug/kg	3.33					
Heptachlor epoxide	ND	ug/kg	3.33					
Endrin	ND	ug/kg	3.33					
Endrin aldehyde	ND	ug/kg	3.33					
Endrin ketone	ND	ug/kg	3.33					
Dieldrin	ND	ug/kg	3.33					
4,4'-DDE	ND	ug/kg	3.33					
4,4'-DDD	ND	ug/kg	3.33					
4,4'-DDT	ND	ug/kg	3.33					
Endosulfan I	ND	ug/kg	3.33					
Endosulfan II	ND	ug/kg	3.33					
Endosulfan sulfate	ND	ug/kg	3.33					
Methoxychlor	ND	ug/kg	13.3					
Toxaphene	ND	ug/kg	13.3					
Chlordane	ND	ug/kg	13.3					
cis-Chlordane	ND	ug/kg	3.33					
trans-Chlordane	ND	ug/kg	3.33					
Surrogate(s)	Recovery		QC Criteria					
2,4,5,6-Tetrachloro-m-xylene	66.0	%	30-150					
Decachlorobiphenyl	71.0	%	30-150					

REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30. Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

GLOSSARY OF TERMS AND SYMBOLS

REF	Reference number in which test method may be found.
METHOD	Method number by which analysis was performed.
ID	Initials of the analyst.
ND	Not detected in comparison to the reported detection limit.
NI	Not Ignitable.
ug/cart	Micrograms per Cartridge.

LIMITATION OF LIABILITIES

Alpha Analytical, Inc. performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical, Inc., shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical, Inc. be held liable for any incidental consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical, Inc.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding times and splitting of samples in the field.

CHAIN OF CUSTODY

PAGE _____ OF _____

Date Rec'd in Lab: 11/2

ALPHA Job #: L0615863

ALPHA WOODS HOLE LABS

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

RAYNHAM, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: AKRF, Inc.

Address: 440 Park Ave South
New York NY 10016

Phone: 646-388-9527

Fax: 212-726-0942

Email: axel_schuerdt@akrf.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Storage Deluxe

Project Location: 200 E 135th St Bronx, NY

Project #: 80095-0003

Project Manager: Axel Schuerdt

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 11/9 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☒ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program: NYSTAGM Detection Limits

Criteria:

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTOCOLS

☐ Yes ☒ No Are MCP Analytical Methods Required?

☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

NYS TAGM Detection Limits

* Analyze Trip Blank for VOCs (8260) only

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs (8260)	SVOCs (8270)	PCBs/Pests (8081/8082)	TAL Metals (6000/7000)	Sample Specific Comments	Total # Bottles
15863-01	AK-SB-1 (1-2')	11/1/06	08:40	S	SG	X	X	X	X		2
-02	AK-SB-1 (6-7')	11/1/06	08:55	S	SG	X	X	X	X		2
-03	AK-SB-2 (1-2')	11/1/06	09:35	S	SG	X	X	X	X		2
-04	AK-SB-2 (9-10')	11/1/06	09:45	S	SG	X	X	X	X		2
-05	AK-SB-3 (2-3')	11/1/06	10:05	S	SG	X	X	X	X		2
-06	AK-SB-3 (9-10')	11/1/06	10:25	S	SG	X	X	X	X		2
-07	AK-SB-4 (2-3')	11/1/06	11:03	S	SG	X	X	X	X		2
-08	AK-SB-4 (9-10')	11/1/06	11:20	S	SG	X	X	X	X		2
-09	AK-SB-5 (1-2')	11/1/06	11:45	S	SG	X	X	X	X		2
-10	AK-SB-5 (8-9')	11/1/06	12:10	S	SG	X	X	X	X		2

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☒ Lab to do

Preservation
☐ Lab to do
(Please specify below)

Container Type	A	A	A	A
Preservative	A	A	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

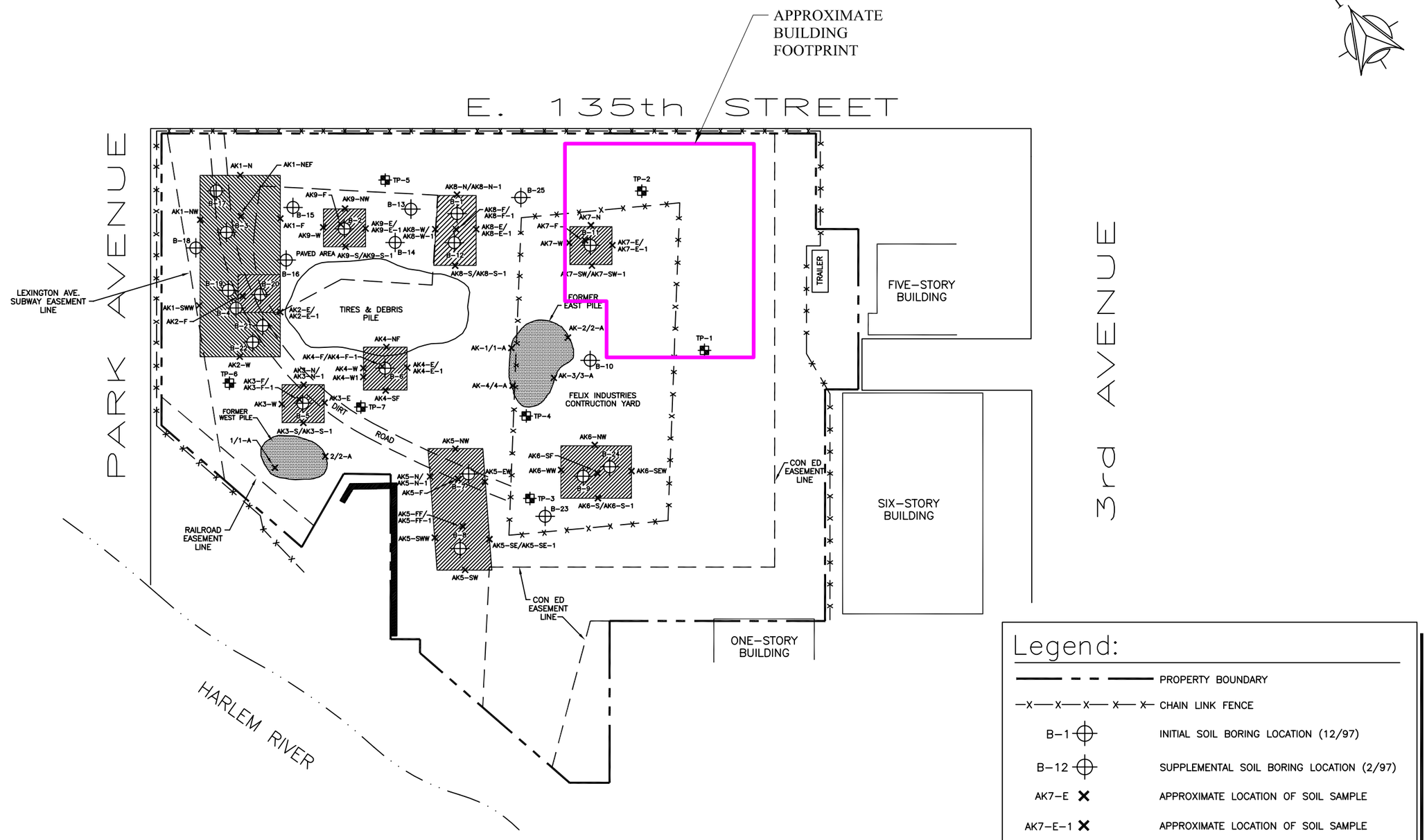
Relinquished By:	Date/Time	Received By:	Date/Time
	11/2/06 12:45		11/2 12:45
	11/2/06 17:30		11/2 17:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.

FORM NO: 01-01 (rev. 10-OCT-05)

APPENDIX C

POST-EXCAVATION FIGURE FROM 1999 REMEDIAL ACTIVITIES REPORT



Legend:

- PROPERTY BOUNDARY
- CHAIN LINK FENCE
- B-1 — INITIAL SOIL BORING LOCATION (12/97)
- B-12 — SUPPLEMENTAL SOIL BORING LOCATION (2/97)
- AK7-E — APPROXIMATE LOCATION OF SOIL SAMPLE
- AK7-E-1 — APPROXIMATE LOCATION OF SOIL SAMPLE
- TP-1 — APPROXIMATE LOCATION OF TEST PIT
- AREA OF SOIL EXCAVATION
- APPROXIMATE LOCATION OF SCREENED STOCKPILED SOIL

AKRF, Inc.
Environmental Consultants
149 Water Street Norwalk, CT 06854

EAST 135th STREET
BRONX, NEW YORK

POST SOIL EXCAVATION

DATE 5/24/99

SCALE 1"=100'

PROJECT No. 50154

FIGURE No. **2**

© 1999 AKRF, Inc. Environmental Consultants M:\AKRF Project Files\80095 - 200 East 135th St (Storage Deluxe)\Figures\former 50154 figures

Appendix B: Photographs


RegenOX


RegenOX


RegenOX


RegenOX


MoveGREEN
Moving & Storage


CUBESMART
self storage + logistics
PENSKE


MoveGREEN
Moving & Storage














D.K.
DRILLING OF N.Y.




D.K.
DRILLING OF N.Y.


LUMBER · PLYWOOD
PROPANE · FENCING
BEST PRICES.
BEST SERVICE.
DELIVERED
718 585-3242
WE'RE HERE


D.K.
DRILLING OF N.Y.


718 585-3242
Benjamin Moore Paints


CUBESMART


PENSKE




UBESMART
PENSKE


CUBESMART
self storage + logistics
800-800
SHLEPPERS


Rental
Business Rentals
PENSKE




CUBESMART
self storage + logistics
800-800
SHLEPPERS
PENSKE
Truck Rental
Household & Business Rentals
GoPenske.com
1-800-GO-PENSKE


BK DRILLING




iMoveGREEN
Moving & Storage












GRATITUDE
SHLEPPERS
SH
LEP
PERS















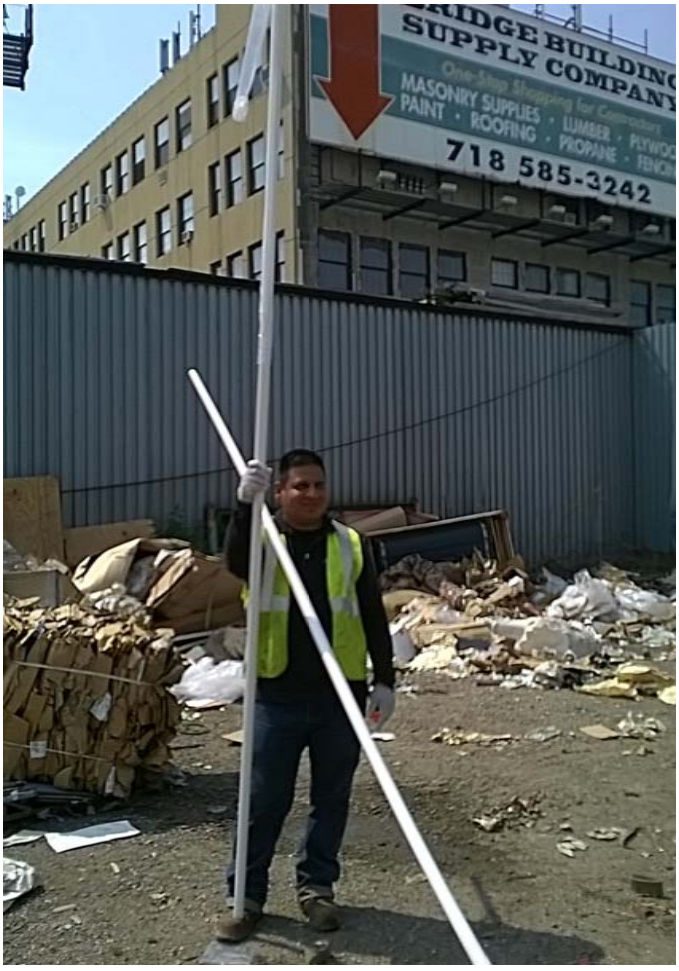



DK DRILLING
OF NEW YORK
718.352.0100


DK DRILLING
OF NEW YORK
718.352.0100






SUPPLY COMPANY
MASONRY SUPPLIES
PAINT · ROOFING · LUMBER · PROPANE · PLYWOOD · FENCING
718 585-3242


PLY COMPANY
One-Stop Shopping for Contractors
NRY SUPPLIES · LUMBER · PLYWOOD
· ROOFING · PROPANE · FENCING
718 585-3242
BEST PRICES. BEST SERVICE.







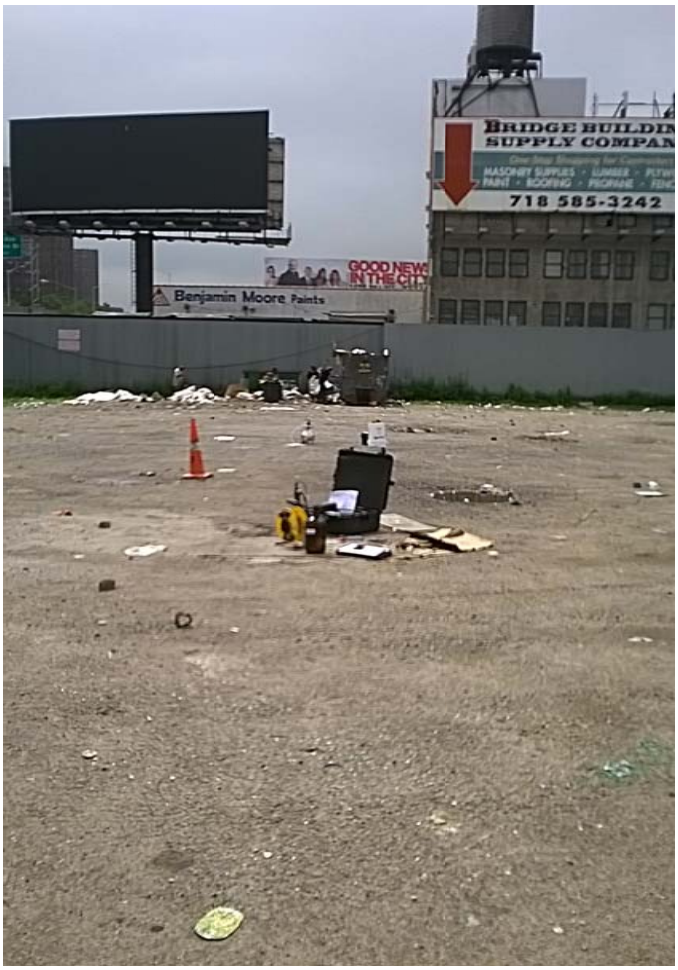







CUBESMART
self storage + logistics
800 800 1717
Hydro Environmental
(718) 636-0800




BRIDGE BUILDIN
SUPPLY COMPAN
718 585-3242
Benjamin Moore Paints








Dielectric


YORK




Dielectric
















geopump






INDUSTRIAL GLASSWARE
#150133
Field Blank
06-16-15
12:25


Hydro Environmental
CONTRACTING, Corp.
15 Ocean Avenue
Brooklyn N.Y. 11235
(718) 636-0800
USDOT# 1851258


GOOD NEW IN THE CITY
Benjamin Moore Paints


Hydro Environmental
CONTRACTING, Corp.
15 Ocean Avenue
Brooklyn N.Y. 11235
(718) 636-0800
USDOT# 1851258










MW-1


MW-1


MW-1


MW-1


ELCITY


Benjamin Moore Paints

Appendix C: Soil Boring Geologic Logs

Hydro Tech Environmental, Corp.

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

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

www.hydrotechenvironmental.com

Soil Probe Log

Job No:	150133	Date: 06/10/15	Page: 1 of 1
Location:	200 East 135th Street Bronx, NY		Sampling Interval: 2 Feet
Boring No.:	SP-1		Sampling Method: Grab
Drilling Method:	Direct Push		Depth to Water: N/A
Total Depth:	12 Feet		Driller: DK Drilling of NY

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0	SP	Brick fill material. Loose, dark brown, coarse sand with gravels. No odor.
-2	0	SP	Loose, dark brown, fine, sand with gravels. No odor.
-4	0	SP	Medium firm, brown, silt. No odor.
-6	0	ML	Brown, fine silty clay. Plastic. No odor.
-8	0	OL	Dark gray clay mixed with wood material. Plastic.No odor.
0	0	OH	Moist light gray clay. Very plastic. No odor
2			

Hydro Tech Environmental, Corp.

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

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

www.hydrotechenvironmental.com

Soil Probe Log

Job No:	150133	Date: 06/10/15	Page: 1 of 1
Location:	200 East 135th Street Bronx, NY		Sampling Interval: 2 Feet Sampling Method: Grab
Boring No.:	SP-2		Depth to Water: N/A
Drilling Method:	Direct Push		Driller: DK Drilling of NY
Total Depth:	12 Feet		

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0	SP	Loose and dry brown/gray coarse sand. No odor.
-2	0	SP	Loose and dry brown/gray coarse sand. No odor.
-4	0	SP	Loose and dry brown/gray coarse sand. No odor.
-6	0	SP	Moist and firm sand mixed with small pieces of wood. No odor.
-8	0	SC	Moist dark brown silty sand. Plastic.No odor.
0	0	SM	Moist dark brown silty sand. Plastic.No odor.
2			

Hydro Tech Environmental, Corp.

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

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

www.hydrotechenvironmental.com

Soil Probe Log

Job No:	150133	Date: 06/10/15	Page: 1 of 1
Location:	200 East 135th Street Bronx, NY		Sampling Interval: 2 Feet
			Sampling Method: Grab
Boring No.:	SP-3		Depth to Water: N/A
Drilling Method:	Direct Push		Driller: DK Drilling of NY
Total Depth:	12 Feet		

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0	SP	Brick fill material, loose dark brown coarse sand with gravels. No odor.
-2	0	SP	Firm, dark brown fine, sand with gravels. No odor.
-4	0	SP	Medium firm, brown, fine silty sand. No odor.
-6	0	SM	Dark brown, loose, fine silty sand with small gravels. No odor.
-8	0	SM	Moist dark gray clayed sand with gravels. Plastic.No odor.
0	0	SC	Moist gray clay. Very plastic. No odor
2			

Hydro Tech Environmental, Corp.

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

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

www.hydrotechenvironmental.com

Soil Probe Log

Job No:	150133	Date: 06/10/15	Page: 1 of 1
Location:	200 East 135th Street Bronx, NY		Sampling Interval: 2 Feet
			Sampling Method: Grab
Boring No.:	SP-3		Depth to Water: N/A
Drilling Method:	Direct Push		Driller: DK Drilling of NY
Total Depth:	12 Feet		

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0	SP	Brick fill material, loose dark brown coarse sand with gravels. No odor.
-2	0	SP	Firm, dark brown fine, sand with gravels. No odor.
-4	0	SP	Medium firm, brown, fine silty sand. No odor.
-6	0	SM	Dark brown, loose, fine silty sand with small gravels. No odor.
-8	0	SM	Moist dark gray clayed sand with gravels. Plastic.No odor.
0	0	SC	Moist gray clay. Very plastic. No odor
2			

Hydro Tech Environmental, Corp.

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

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

www.hydrotechenvironmental.com

Soil Probe Log

Job No:	150133	Date: 06/10/15	Page: 1 of 1
Location:	200 East 135th Street Bronx, NY		Sampling Interval: 2 Feet
			Sampling Method: Grab
Boring No.:	SP-3		Depth to Water: N/A
Drilling Method:	Direct Push		Driller: DK Drilling of NY
Total Depth:	12 Feet		

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0	SP	Brick fill material. Loose, dark brown coarse sand with gravels. No odor.
-2	0	SP	Moist dark brown fine sand with small gravels. No odor.
-4	0	SP	Dark brown Silty sand with small gravels. No odor.
-6	0	SM	Moist, dark brown silt with some small pebbles . No odor.
-8	0	ML	Moist dark gray clay with some silts. No odor.
0	0	CL	Moist gray clay. Very plastic. No odor
2			

Hydro Tech Environmental, Corp.

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

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

www.hydrotechenvironmental.com

Soil Probe Log

Job No:	150133	Date: 06/10/15	Page: 1 of 1
Location:	200 East 135th Street Bronx, NY		Sampling Interval: 2 Feet
			Sampling Method: Grab
Boring No.:	SP-3		Depth to Water: N/A
Drilling Method:	Direct Push		Driller: DK Drilling of NY
Total Depth:	12 Feet		

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0	SP	Brick fill material. Moist and firm, dark brown coarse sand with gravels. No odor.
-2	0	SP	Moist dark brown coarse sand with gravels. No odor.
-4	0	SP	Moist dark brown coarse sand with bigger gravels. percentage of gravels is greate than sand. No odor.
-6	0	GP	Dark brown/black, loose, fine sand . No odor.
-8	0	SW	Moist dark brown clay with few gravels. Plastic.No odor.
0	0	CL	Moist gray clay. Very plastic. No odor
2			

Appendix D: Monitoring Well Construction Logs

HYDRO TECH ENVIRONMENTAL CORP.

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

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

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

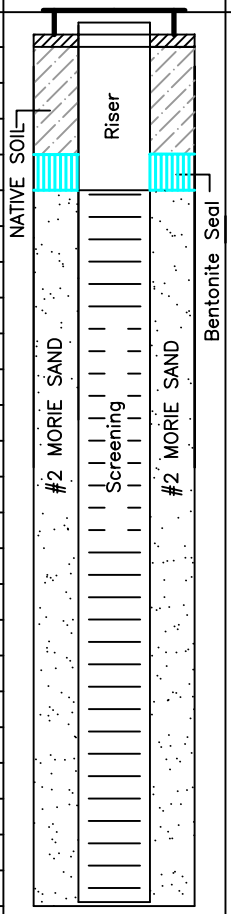
WELL CONSTRUCTION LOG

Job No: 150133 Date: 06-11-2015 Page: 1 OF 1

Location: 200 EAST 135th STREET, BRONX NY

Well Number: MW-1
Drilling Method: DIRECT PUSH TECHNOLOGY
Total Depth: 25'
Depth to Water: 8.85'
Manhole Size: 5"

Screen Size: 0.010"
Screen Interval: 15.00'
Diameter: 1"
Riser Length: 10.00'
Sand Size: #2

Depth Below Grade (ft.)	Sample Interval (ft.)	Well Construction	Description
2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36			5" Manhole Cover. 0'-5.00' - 1" PVC Riser. 0'-4.00' - Native Soil. 4.00'-5.00' - Bentonite Seal. 5.00'-25.00' - #2 Sand. 5.00'-25.00' - 1" PVC Screen.

HYDRO TECH ENVIRONMENTAL CORP.

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

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

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

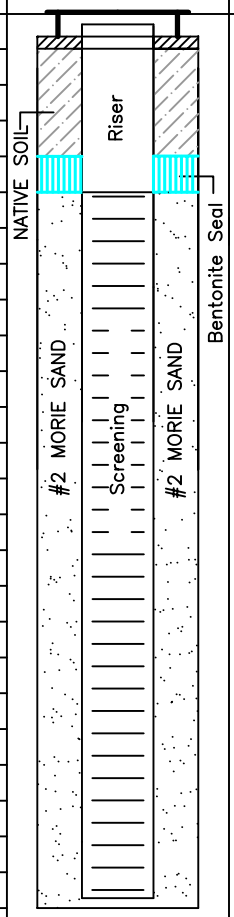
WELL CONSTRUCTION LOG

Job No: 150133 Date: 06-11-2015 Page: 1 OF 1

Location: 200 EAST 135th STREET, BRONX NY

Well Number: MW-2
Drilling Method: DIRECT PUSH TECHNOLOGY
Total Depth: 25'
Depth to Water: 12.02'
Manhole Size: 5"

Screen Size: 0.010"
Screen Interval: 15.00'
Diameter: 1"
Riser Length: 10.00'
Sand Size: #2

Depth Below Grade (ft.)	Sample Interval (ft.)	Well Construction	Description
2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36			5" Manhole Cover. 0'-5.00' - 1" PVC Riser. 0'-4.00' - Native Soil. 4.00'-5.00' - Bentonite Seal. 5.00'-25.00' - #2 Sand. 5.00'-25.00' - 1" PVC Screen.

HYDRO TECH ENVIRONMENTAL CORP.

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

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

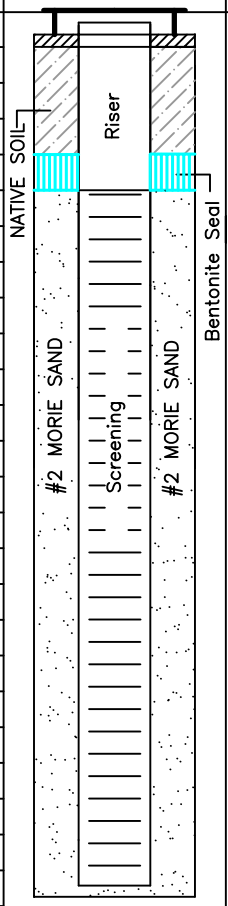
PHONE: (631) 462-5866 FAX: (631) 462-5877

WELL CONSTRUCTION LOG

Job No: 150133 Date: 06-11-2015 Page: 1 OF 1

Location: 200 EAST 135th STREET, BRONX NY

Well Number:	MW-3	Screen Size:	0.010"
Drilling Method:	DIRECT PUSH TECHNOLOGY	Screen Interval:	15.00'
Total Depth:	25'	Diameter:	1"
Depth to Water:	9.75'	Riser Length:	10.00'
Manhole Size:	5"	Sand Size:	#2

Depth Below Grade (ft.)	Sample Interval (ft.)	Well Construction	Description
2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36			5" Manhole Cover. 0'-5.00' - 1" PVC Riser. 0'-4.00' - Native Soil. 4.00'-5.00' - Bentonite Seal. 5.00'-25.00' - #2 Sand. 5.00'-25.00' - 1" PVC Screen.

Appendix E: Well Purging and Sampling Logs

Hydro Tech Environmental, Corp.

Monitoring Well Sampling Log Sheet

Job No.: 150133. Well No.: MW-1. Date: 6/16/15.

Well Depth: 20. Screen Length: 5-20 Well Diameter: 1 in Casing Type: ~~Well Cover~~ PVC

Sampling Device: Horiba Tubing Type: Regular Initial DTP: N/P. Initial DTW: 8.85.

Well Volume: _____ Total Volume Purged: _____

Sampling Personnel: Adriana- Julio- Rodolfo.

Low Flow Sampling required ? Yes : ✓ No: _____

Order of stabilization

Deviation

			a ±1	b	c ± 3%	e ± 10%	f ± 10%	d ± 10 mv	
Time	DTP (ft)	DTW (ft)	pH	Temp (°F)	Cond. (S/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Notes
12:35.	N/P	8.85	7.37.	20.74.	1.14.	10.9	0.0	-74.	Water with dirt, Dark brown color. No odor.
12:40	N/P	9.11	7.41	22.39	1.04.	8.7.	0.0	-80.	Water with dirt, ligh brown color (bubbles) No odor.
12:45.	N/P.	9.11	7.7	12.56	1.04	8.01	0.0	-97	Water with dirt light brown color (many bubbles) No odor.

Hydro Tech Environmental, Corp.

Monitoring Well Sampling Log Sheet

Job No.: 150133 Well No.: MW-2 Date: 6/16/15

Well Depth: 20 Screen Length: 5-20 Well Diameter: 1 in Casing Type: PVC

Sampling Device: Horiba Tubing Type: Regular Initial DTP: N/P. Initial DTW: 12.02

Well Volume: _____ Total Volume Purged: _____

Sampling Personnel: Adriana - Julio - Rodolfo.

Low Flow Sampling required ? Yes : ✓ No: _____

Order of stabilization

Deviation

	a	b	c	e	f	d	
	±1		± 3%	± 10%	± 10%	± 10 mv	
Time	DTP (ft)	DTW (ft)	pH	Temp (°F)	Cond. (S/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Notes
11:19.	N/P	12.02	7.3.	18.6	2.33	12.	70.6	-154	Water with light brown color. No odor.
11:28	N/P	11.99	7.25	20.05	2.23	10.	70.1	-143	Water. with yellow color. No odor
11:45.	N/P.	12.00	7.25	19.06	2.21	8.	57.7	-155.	Clear water. No odor.

Hydro Tech Environmental, Corp.

Monitoring Well Sampling Log Sheet

Job No.: 150133 Well No.: MW-3 Date: 6/16/15

Well Depth: 20 Screen Length: 5-20 Well Diameter: 1 in Casing Type: ~~Well cover~~ PVC

Sampling Device: Horiba Tubing Type: Regular Initial DTP: N/P. Initial DTW: 9.75

Well Volume: _____ Total Volume Purged: _____

Sampling Personnel: Adriana - Julio - Rodolfo.

Low Flow Sampling required ? Yes : ✓ No: _____

Order of stabilization			a	b	c	e	f	d	
Deviation			±1		± 3%	± 10%	± 10%	± 10 mv	
Time	DTP (ft)	DTW (ft)	pH	Temp (°F)	Cond. (S/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Notes
2:06		9.75	6.83	16.75	7.28	8.83	198	-104	Almost clear color water. No odor
2:11		10.28	6.79	17.55	7.29	7.29	483	-108	Water with clear color. No odor
2:16		10.28	6.80	17.17	6.82	6.85	1000	-129	Water with clear color. No odor.

Appendix F: Soil Vapor Sampling Logs

Job # 150133
Address: 200 East 135th Street, Bronx, NY

AMBIENT AIR/SOIL VAPOR SAMPLING LOG SHEET

Weather Conditions during past 24-48 hrs: Cloudy 63° f.

Building Ventilation Conditions: Outside.

Source(s) of VOCs in Area: N/A

Sample Coordinates						Sampler Name	Indoor PID Reading (ppm)	Indoor air temp (°F)	Summa Canister ID	Canister Volume (L)	Purge Volume(s) (L)	Helium Detector (µg/L)		Time start (24 hr)	Time Stop (24 hr)	Canister Vacuum ("Hg)		Total Volume Extracte (L)	Weather (Wind, Dry, Moist, Saturated, temp) of Sampling Zone
Sample ID	Sampling Date	Air Matrix	Sub-Surface Installation									Start	Stop			Before	After		
			Date	Time	Depth														
SV1	6-16-15	SV	6-16-15	11:40	6 ft	Adriana	—	—	16953	6L	6L			10:00am	2:00pm	30	7.5	6L	moist
SV2	6-16-15	SV	6-16-15	11:40	6 ft	Adriana	—	—	451	6L	6L			10:10am	2:10pm	30	2.0	6L	moist.
SV3	6-16-15	SV	6-16-15	11:40	6 ft	Adriana	—	—	475	6L	6L			10:12am	2:12pm	30	4.0	6L	moist.
SV4	6-16-15	SV	6-16-15	11:40	4 ft	Adriana	—	—	463	6L	6L			10:14am	2:14pm	30	13.5	6L	moist
SV5	6-16-15	SV	6-16-15	11:40	4 ft.	Adriana	—	—	508	6L	6L			10:19am	2:19pm	30	29	6L	moist
OA1	6-16-15	AO	6-16-15	9:00am	3 ft above ground	Adriana	-	-	16975	6L	6L			10:21am	2:21pm	24	2.7.	6L.	moist.

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

Notes :

Job# 150 133.

AMBIENT AIR/SOIL VAPOR SAMPLING LOG SHEET

Weather Conditions during past 24-48 hrs: Sunny

Building Ventilation Conditions: Outside.

Source(s) of VOCs in Area: N/A

Sample Coordinates						Sampler Name	Indoor PID Reading (ppm)	Indoor air temp (°F)	Summa Canister ID	Canister Volume (L)	Purge Volume(s) (L)	Helium Detector (µg/L)		Time start (24 hr)	Time Stop (24 hr)	Canister Vacuum ("Hg)		Total Volume Extracte (L)	Weather (Wind, Dry, Moist, Saturated, temp) of Sampling Zone
Sample ID	Sampling Date	Air Matrix	Sub-Surface Installation									Start	Stop			Before	After		
			Date	Time	Depth														
OA1	7-01-15	AO	7-1-15	9:24		Adriana.	-	-	Y62	6L	6L			9:25	1:25	-30	7	6L	Sunny
SV5	7-01-15	SV	7-1-15	9:30		Adriana.	-	-	Y72	6L	6L			9:30	1:30	-30	12	6L.	Sunny.

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

Notes :

Appendix G: Laboratory Data Deliverables for Soil Analytical Data

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Morgan Violette

Report Date: 06/18/2015
Client Project ID: #150133 200 East 135th Street Bronx, NY
York Project (SDG) No.: 15F0487

Report Date: 06/18/2015
Client Project ID: #150133 200 East 135th Street Bronx, NY
York Project (SDG) No.: 15F0487

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Morgan Violette

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 June 12, 2015 and listed below. The project was identified as your project: **#150133 200 East 135th Street Bronx, NY**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
15F0487-01	SP-1 (0-2')	Soil	06/11/2015	06/12/2015
15F0487-02	SP-1 (10-12')	Soil	06/11/2015	06/12/2015
15F0487-03	SP-3 (0-2')	Soil	06/11/2015	06/12/2015
15F0487-04	SP-3 (10-12')	Soil	06/11/2015	06/12/2015
15F0487-05	SP-4 (0-2')	Soil	06/11/2015	06/12/2015
15F0487-06	SP-4 (10-12')	Soil	06/11/2015	06/12/2015
15F0487-07	Field Blank	Water	06/11/2015	06/12/2015

General Notes for York Project (SDG) No.: 15F0487

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

Approved By: 

Date: 06/18/2015

Benjamin Gulizia
Laboratory Director

Sample Information

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

York Sample ID: 15F0487-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:20 am	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 12:45	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 12:45	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 12:45	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 12:45	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 12:45	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 12:45	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 12:45	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 12:45	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 12:45	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	73	150	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS

Sample Information

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

York Sample ID: 15F0487-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:20 am	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**9.1**	CCV-E	ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-64-1	**Acetone**	**50**	CCV-E, SCAL-E	ug/kg dry	7.3	15	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-43-2	Benzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-86-1	Bromobenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: NELAC-NY10854,NJDEP			
74-97-5	Bromochloromethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: NELAC-NY10854,NJDEP			
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-25-2	Bromoform	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
74-83-9	Bromomethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-90-7	Chlorobenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-00-3	Chloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
67-66-3	Chloroform	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
74-87-3	Chloromethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: NELAC-NY10854,NJDEP,PADEP			
74-95-3	Dibromomethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: NELAC-NY10854,NJDEP			
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 12:45	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

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

York Sample ID: 15F0487-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:20 am	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
75-09-2	Methylene chloride	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 12:45	SS
91-20-3	**Naphthalene**	**7.2**	J	ug/kg dry	3.7	15	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	06/16/2015 08:17	06/16/2015 12:45	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	06/16/2015 08:17	06/16/2015 12:45	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
100-42-5	Styrene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 12:45	SS
108-88-3	Toluene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 12:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 12:45	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 12:45	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 12:45	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 12:45	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 12:45	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	11	22	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 12:45	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.2 %*	*76-130*

Sample Information

Client Sample ID: **SP-1 (0-2')** **York Sample ID:** **15F0487-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:20 am	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**454**		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	185	370	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**815**		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	**Benzo(a)anthracene**	**1810**		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**391**	CCV-E	ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**359**		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**137**		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**482**		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**1600**		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**87.9**	J	ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

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

York Sample ID: 15F0487-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:20 am	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	**Dibenzofuran**	**207**		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	NELAC-NY10854		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	NELAC-NY10854		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	NELAC-NY10854		
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.4	185	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.4	185	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**85.7**	J	ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**2800**		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**475**		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**159**		ug/kg dry	46.3	92.4	2	EPA 8270D	06/16/2015 07:12	06/16/2015 23:57	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

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

York Sample ID: 15F0487-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:20 am	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:57	KH
91-57-6	**2-Methylnaphthalene**	**79.0**	J	ug/kg dry	46.3	92.4	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 23:57	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:57	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 23:57	KH
91-20-3	**Naphthalene**	**78.3**	J	ug/kg dry	46.3	92.4	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 23:57	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:57	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:57	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:57	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:57	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:57	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.4	185	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:57	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:57	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 23:57	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 23:57	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:57	KH
85-01-8	**Phenanthrene**	**2060**		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:57	KH
108-95-2	Phenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:57	KH
129-00-0	**Pyrene**	**4200**	CCV-E	ug/kg dry	232	462	10	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/18/2015 00:16	KH
110-86-1	Pyridine	ND		ug/kg dry	185	370	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:57	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:57	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:57	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.3	92.4	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 23:57	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*23.8 %*	*10-95*

Sample Information

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

York Sample ID: 15F0487-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:20 am	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-62-2	*Surrogate: Phenol-d5*	*35.4 %*			*10-107*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*33.2 %*			*10-95*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*36.8 %*			*10-97*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*11.2 %*			*10-103*						
1718-51-0	*Surrogate: Terphenyl-d14*	*46.3 %*			*19-99*						

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**	**46.4**		ug/kg dry	1.83	1.83	5	EPA 8081B	06/15/2015 12:28	06/17/2015 15:50	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	06/15/2015 12:28	06/17/2015 15:50	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	**4,4'-DDT**	**100**		ug/kg dry	1.83	1.83	5	EPA 8081B	06/15/2015 12:28	06/17/2015 15:50	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	06/15/2015 12:28	06/17/2015 15:50	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	06/15/2015 12:28	06/17/2015 15:50	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	06/15/2015 12:28	06/17/2015 15:50	AMC
								Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	06/15/2015 12:28	06/17/2015 15:50	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	73.1	73.1	5	EPA 8081B	06/15/2015 12:28	06/17/2015 15:50	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	06/15/2015 12:28	06/17/2015 15:50	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	06/15/2015 12:28	06/17/2015 15:50	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	06/15/2015 12:28	06/17/2015 15:50	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	06/15/2015 12:28	06/17/2015 15:50	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	06/15/2015 12:28	06/17/2015 15:50	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	06/15/2015 12:28	06/17/2015 15:50	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	06/15/2015 12:28	06/17/2015 15:50	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	06/15/2015 12:28	06/17/2015 15:50	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	06/15/2015 12:28	06/17/2015 15:50	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

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

York Sample ID: 15F0487-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:20 am	06/12/2015

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
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	06/15/2015 12:28	06/17/2015 15:50	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 15:50	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 15:50	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	9.14	9.14	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 15:50	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	92.5	92.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 12:28	06/17/2015 15:50	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.0 %*	*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	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 00:14	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 00:14	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 00:14	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 00:14	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 00:14	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 00:14	AMC
11096-82-5	**Aroclor 1260**	**0.0824**		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 00:14	AMC
1336-36-3	*** Total PCBs**	**0.127**		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications:	06/15/2015 12:28	06/17/2015 00:14	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.6 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

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

Sample Information

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

York Sample ID: 15F0487-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:20 am	06/12/2015

Log-in Notes:

Sample Notes:

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8040**		mg/kg dry	5.54	5.54	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-36-0	Antimony	ND		mg/kg dry	0.554	0.554	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**4.13**		mg/kg dry	1.11	1.11	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**333**		mg/kg dry	1.11	1.11	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-43-9	**Cadmium**	**0.952**		mg/kg dry	0.332	0.332	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**48600**		mg/kg dry	0.554	5.54	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-47-3	**Chromium**	**22.4**		mg/kg dry	0.554	0.554	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**7.57**		mg/kg dry	0.554	0.554	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-50-8	**Copper**	**80.6**		mg/kg dry	0.554	0.554	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-89-6	**Iron**	**16500**		mg/kg dry	2.22	2.22	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-92-1	**Lead**	**251**		mg/kg dry	0.332	0.332	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**9030**		mg/kg dry	5.54	5.54	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-96-5	**Manganese**	**230**		mg/kg dry	0.554	0.554	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-02-0	**Nickel**	**19.5**		mg/kg dry	0.554	0.554	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1710**		mg/kg dry	5.54	5.54	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7782-49-2	Selenium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.554	0.554	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**352**	B	mg/kg dry	11.1	11.1	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-62-2	**Vanadium**	**34.4**		mg/kg dry	1.11	1.11	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-66-6	**Zinc**	**338**		mg/kg dry	1.11	1.11	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:50	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: SP-1 (0-2') **York Sample ID:** 15F0487-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:20 am	06/12/2015

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**	**0.134**		mg/kg dry	0.0332	0.0332	1	EPA 7473	06/16/2015 07:05	06/16/2015 14:12	ALD
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.3**		%	0.100	0.100	1	SM 2540G	06/15/2015 10:48	06/15/2015 15:00	SCA
								Certifications: CTDOH			

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	0.388	0.554	1	EPA 7196A	06/18/2015 07:36	06/18/2015 15:08	SC
								Certifications: NJDEP,CTDOH,NELAC-NY10854			

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**22.4**		mg/kg	0.250	0.500	1	Calculation	06/18/2015 15:14	06/18/2015 15:24	SC
								Certifications:			

Sample Information

Client Sample ID: SP-1 (10-12') **York Sample ID:** 15F0487-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:30 am	06/12/2015

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	06/16/2015 08:17	06/16/2015 13:15	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	06/16/2015 08:17	06/16/2015 13:15	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SP-1 (10-12')

York Sample ID: 15F0487-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:30 am	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 CTDOH,NELAC-NY10854,NJDEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 NELAC-NY10854,NJDEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 NELAC-NY10854,NJDEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 NELAC-NY10854,NJDEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 NELAC-NY10854,NJDEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 CTDOH,NELAC-NY10854,NJDEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 CTDOH,NELAC-NY10854,NJDEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 CTDOH,NELAC-NY10854,NJDEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 CTDOH,NELAC-NY10854,NJDEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 CTDOH,NELAC-NY10854,NJDEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 NELAC-NY10854,NJDEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	80	160	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 NELAC-NY10854,NJDEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 NELAC-NY10854,NJDEP	SS
78-93-3	**2-Butanone**	**20**	CCV-E	ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 CTDOH,NELAC-NY10854,NJDEP	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 CTDOH,NELAC-NY10854,NJDEP	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 13:15 CTDOH,NELAC-NY10854,NJDEP	SS

Sample Information

Client Sample ID: SP-1 (10-12')

York Sample ID: 15F0487-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:30 am	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**68**	CCV-E, SCAL-E	ug/kg dry	8.0	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:15	SS
71-43-2	Benzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:15	SS
108-86-1	Bromobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:15	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:15	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:15	SS
75-25-2	Bromoform	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:15	SS
74-83-9	Bromomethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:15	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:15	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:15	SS
75-00-3	Chloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:15	SS
67-66-3	Chloroform	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:15	SS
74-87-3	Chloromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:15	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:15	SS
74-95-3	Dibromomethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:15	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:15	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:15	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:15	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**5.9**	J	ug/kg dry	4.0	8.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:15	SS
75-09-2	**Methylene chloride**	**8.0**	J	ug/kg dry	8.0	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:15	SS
91-20-3	Naphthalene	ND		ug/kg dry	4.0	16	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:15	SS

Sample Information

Client Sample ID: SP-1 (10-12') **York Sample ID:** 15F0487-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:30 am	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 13:15	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 13:15	SS
95-47-6	o-Xylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854	06/16/2015 13:15	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.0	16	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854	06/16/2015 13:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 13:15	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 13:15	SS
100-42-5	Styrene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 13:15	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 13:15	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 13:15	SS
108-88-3	Toluene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 13:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 13:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 13:15	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 13:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 13:15	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP	06/16/2015 13:15	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 13:15	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	12	24	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 13:15	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*110 %*	*76-130*

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH

Sample Information

Client Sample ID: SP-1 (10-12')

York Sample ID: 15F0487-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:30 am	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
62-53-3	Aniline	ND		ug/kg dry	233	467	2	EPA 8270D Certifications:	06/16/2015 07:12 NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
120-12-7	Anthracene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
218-01-9	Chrysene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 22:55	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 NELAC-NY10854	06/16/2015 22:55	KH

Sample Information

Client Sample ID: SP-1 (10-12')

York Sample ID: 15F0487-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:30 am	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: NELAC-NY10854	06/16/2015 07:12	06/16/2015 22:55	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: NELAC-NY10854	06/16/2015 07:12	06/16/2015 22:55	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/16/2015 22:55	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/16/2015 22:55	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/16/2015 22:55	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/16/2015 22:55	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/16/2015 22:55	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	117	233	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 07:12	06/16/2015 22:55	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	117	233	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/16/2015 22:55	KH
121-14-2	**2,4-Dinitrotoluene**	**781**		ug/kg dry	58.4	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/16/2015 22:55	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/16/2015 22:55	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/16/2015 22:55	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/16/2015 22:55	KH
206-44-0	Fluoranthene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/16/2015 22:55	KH
86-73-7	Fluorene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/16/2015 22:55	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/16/2015 22:55	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/16/2015 22:55	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/16/2015 22:55	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/16/2015 22:55	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/16/2015 22:55	KH
78-59-1	Isophorone	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/16/2015 22:55	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 07:12	06/16/2015 22:55	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/16/2015 22:55	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 07:12	06/16/2015 22:55	KH

Sample Information

Client Sample ID: SP-1 (10-12')

York Sample ID: 15F0487-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:30 am	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 22:55	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	117	233	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	117	233	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	117	233	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	117	233	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 22:55	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 22:55	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
85-01-8	Phenanthrene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
108-95-2	Phenol	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
129-00-0	Pyrene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
110-86-1	Pyridine	ND		ug/kg dry	233	467	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 22:55	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	58.4	117	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 22:55	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*32.0 %*	*10-95*
4165-62-2	*Surrogate: Phenol-d5*	*34.5 %*	*10-107*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*29.0 %*	*10-95*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*31.3 %*	*10-97*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*26.0 %*	*10-103*
1718-51-0	*Surrogate: Terphenyl-d14*	*34.2 %*	*19-99*

Sample Information

Client Sample ID: SP-1 (10-12')

York Sample ID: 15F0487-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:30 am	06/12/2015

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	2.31	2.31	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:05	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	2.31	2.31	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:05	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	2.31	2.31	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:05	AMC
309-00-2	Aldrin	ND		ug/kg dry	2.31	2.31	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:05	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	2.31	2.31	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:05	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.31	2.31	5	EPA 8081B Certifications:	06/15/2015 12:28 NELAC-NY10854,NJDEP	06/17/2015 16:05	AMC
319-85-7	beta-BHC	ND		ug/kg dry	2.31	2.31	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:05	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	92.3	92.3	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:05	AMC
319-86-8	delta-BHC	ND		ug/kg dry	2.31	2.31	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:05	AMC
60-57-1	Dieldrin	ND		ug/kg dry	2.31	2.31	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:05	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	2.31	2.31	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:05	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	2.31	2.31	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:05	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.31	2.31	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:05	AMC
72-20-8	Endrin	ND		ug/kg dry	2.31	2.31	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:05	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.31	2.31	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:05	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	2.31	2.31	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP	06/17/2015 16:05	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.31	2.31	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:05	AMC
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.31	2.31	5	EPA 8081B Certifications:	06/15/2015 12:28 NELAC-NY10854,NJDEP	06/17/2015 16:05	AMC
76-44-8	Heptachlor	ND		ug/kg dry	2.31	2.31	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:05	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.31	2.31	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:05	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	11.5	11.5	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:05	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	117	117	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP	06/17/2015 16:05	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.1 %*	*30-140*

Sample Information

Client Sample ID: SP-1 (10-12')

York Sample ID: 15F0487-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:30 am	06/12/2015

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
2051-24-3	*Surrogate: Decachlorobiphenyl*	*99.7 %*			*30-140*						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0233	0.0233	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 00:44	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0233	0.0233	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 00:44	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0233	0.0233	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 00:44	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0233	0.0233	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 00:44	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0233	0.0233	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 00:44	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0233	0.0233	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 00:44	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0233	0.0233	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 00:44	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0233	0.0233	1	EPA 8082A Certifications:	06/15/2015 12:28	06/17/2015 00:44	AMC

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.1 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.6 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8500**		mg/kg dry	6.99	6.99	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 17:30	06/17/2015 20:55	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.699	0.699	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 17:30	06/17/2015 20:55	ALD
7440-38-2	**Arsenic**	**1.77**		mg/kg dry	1.40	1.40	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 17:30	06/17/2015 20:55	ALD
7440-39-3	**Barium**	**19.1**		mg/kg dry	1.40	1.40	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 17:30	06/17/2015 20:55	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.140	0.140	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 17:30	06/17/2015 20:55	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.419	0.419	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 17:30	06/17/2015 20:55	ALD
7440-70-2	**Calcium**	**1710**		mg/kg dry	0.699	6.99	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 17:30	06/17/2015 20:55	ALD

Sample Information

Client Sample ID: SP-1 (10-12')

York Sample ID: 15F0487-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:30 am	06/12/2015

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
7440-47-3	**Chromium**	**12.7**		mg/kg dry	0.699	0.699	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:55	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**4.05**		mg/kg dry	0.699	0.699	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:55	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-50-8	**Copper**	**7.34**		mg/kg dry	0.699	0.699	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:55	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-89-6	**Iron**	**9170**		mg/kg dry	2.80	2.80	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:55	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-92-1	**Lead**	**7.82**		mg/kg dry	0.419	0.419	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:55	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2160**		mg/kg dry	6.99	6.99	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:55	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-96-5	**Manganese**	**198**		mg/kg dry	0.699	0.699	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:55	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-02-0	**Nickel**	**11.3**		mg/kg dry	0.699	0.699	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:55	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**831**		mg/kg dry	6.99	6.99	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:55	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7782-49-2	**Selenium**	**1.79**		mg/kg dry	1.40	1.40	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:55	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.699	0.699	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:55	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**183**	B	mg/kg dry	14.0	14.0	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:55	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.40	1.40	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:55	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	**Vanadium**	**15.6**		mg/kg dry	1.40	1.40	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:55	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**28.7**		mg/kg dry	1.40	1.40	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:55	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

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	0.0419	0.0419	1	EPA 7473	06/16/2015 07:05	06/16/2015 14:21	ALD
								Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

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

Sample Information

Client Sample ID: SP-1 (10-12') **York Sample ID:** 15F0487-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:30 am	06/12/2015

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**	**71.5**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	06/15/2015 10:48	06/15/2015 15:00	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	0.489	0.699	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854	06/18/2015 07:36	06/18/2015 15:08	SC

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**12.7**		mg/kg	0.250	0.500	1	Calculation Certifications:	06/18/2015 15:14	06/18/2015 15:24	SC

Sample Information

Client Sample ID: SP-3 (0-2') **York Sample ID:** 15F0487-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:15 am	06/12/2015

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:44	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:44	SS

Sample Information

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

York Sample ID: 15F0487-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:15 am	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:44	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:44	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:44	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
78-93-3	**2-Butanone**	**15**	CCV-E	ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
67-64-1	**Acetone**	**29**	CCV-E, SCAL-E	ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:44	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS

Sample Information

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

York Sample ID: 15F0487-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:15 am	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP	06/16/2015 13:44	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 13:44	SS
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 13:44	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 13:44	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 13:44	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 13:44	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 13:44	SS
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 13:44	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 13:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 13:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 13:44	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP,PADEP	06/16/2015 13:44	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP	06/16/2015 13:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP	06/16/2015 13:44	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 13:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP	06/16/2015 13:44	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 13:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 13:44	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 13:44	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP	06/16/2015 13:44	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 13:44	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 13:44	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854	06/16/2015 13:44	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854	06/16/2015 13:44	SS

Sample Information

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

York Sample ID: 15F0487-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:15 am	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
100-42-5	Styrene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:44	SS
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:44	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:44	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 13:44	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:44	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 13:44	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*72.4 %*	S-08	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*		*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.7 %*		*76-130*

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**773**		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 00:29	KH
208-96-8	**Acenaphthylene**	**75.6**	J	ug/kg dry	44.3	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 00:29	KH
62-53-3	Aniline	ND		ug/kg dry	177	354	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 00:29	KH
120-12-7	**Anthracene**	**1350**		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 00:29	KH
56-55-3	**Benzo(a)anthracene**	**5700**		ug/kg dry	443	883	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/18/2015 01:18	KH

Sample Information

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

York Sample ID: 15F0487-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:15 am	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**665**	CCV-E	ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**604**		ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**705**		ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**816**		ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	**Benzyl butyl phthalate**	**60.0**	J	ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**5490**		ug/kg dry	443	883	20	EPA 8270D	06/16/2015 07:12	06/18/2015 01:18	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	**Dibenzo(a,h)anthracene**	**364**		ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
132-64-9	**Dibenzofuran**	**330**		ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: NELAC-NY10854			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: NELAC-NY10854			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: NELAC-NY10854			
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	44.3	88.3	2	EPA 8270D	06/16/2015 07:12	06/17/2015 00:29	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			

Sample Information

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

York Sample ID: 15F0487-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:15 am	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**705**		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**11000**		ug/kg dry	443	883	20	EPA 8270D Certifications:	06/16/2015 07:12	06/18/2015 01:18 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	**Fluorene**	**792**		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**698**		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	**2-Methylnaphthalene**	**106**		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP	KH
91-20-3	**Naphthalene**	**126**		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 00:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

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

York Sample ID: 15F0487-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:15 am	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 00:29	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 00:29	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 00:29	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 00:29	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.3	176	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 00:29	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 00:29	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/17/2015 00:29	KH
86-30-6	**N-Nitrosodiphenylamine**	**230**		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/17/2015 00:29	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 00:29	KH
85-01-8	**Phenanthrene**	**7980**		ug/kg dry	443	883	20	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/18/2015 01:18	KH
108-95-2	Phenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 00:29	KH
129-00-0	**Pyrene**	**10200**	CCV-E	ug/kg dry	443	883	20	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/18/2015 01:18	KH
110-86-1	Pyridine	ND		ug/kg dry	177	354	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 00:29	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 00:29	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 00:29	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.3	88.3	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/17/2015 00:29	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*40.2 %*	*10-95*
4165-62-2	*Surrogate: Phenol-d5*	*44.4 %*	*10-107*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*38.5 %*	*10-95*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*43.5 %*	*10-97*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*35.1 %*	*10-103*
1718-51-0	*Surrogate: Terphenyl-d14*	*84.4 %*	*19-99*

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

Sample Information

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

York Sample ID: 15F0487-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:15 am	06/12/2015

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**	**51.9**		ug/kg dry	1.75	1.75	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	**4,4'-DDT**	**107**		ug/kg dry	1.75	1.75	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
57-74-9	Chlordane, total	ND		ug/kg dry	69.9	69.9	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.75	1.75	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	8.74	8.74	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	88.4	88.4	5	EPA 8081B	06/15/2015 12:28	06/17/2015 16:20	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.3 %*	*30-140*

Sample Information

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

York Sample ID: 15F0487-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:15 am	06/12/2015

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
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.1 %*			*30-140*						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 01:13	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 01:13	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 01:13	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 01:13	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 01:13	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 01:13	AMC
11096-82-5	**Aroclor 1260**	**0.113**		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 01:13	AMC
1336-36-3	*** Total PCBs**	**0.161**		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications:	06/15/2015 12:28	06/17/2015 01:13	AMC

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*78.3 %*	*30-140*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*81.1 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7480**		mg/kg dry	5.30	5.30	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 17:30	06/17/2015 20:59	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.530	0.530	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 17:30	06/17/2015 20:59	ALD
7440-38-2	**Arsenic**	**4.08**		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 17:30	06/17/2015 20:59	ALD
7440-39-3	**Barium**	**378**		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 17:30	06/17/2015 20:59	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.106	0.106	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 17:30	06/17/2015 20:59	ALD
7440-43-9	**Cadmium**	**1.01**		mg/kg dry	0.318	0.318	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 17:30	06/17/2015 20:59	ALD

Sample Information

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

York Sample ID: 15F0487-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:15 am	06/12/2015

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
7440-70-2	**Calcium**	**43900**		mg/kg dry	0.530	5.30	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:59	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-47-3	**Chromium**	**22.2**		mg/kg dry	0.530	0.530	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:59	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.9**		mg/kg dry	0.530	0.530	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:59	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-50-8	**Copper**	**103**		mg/kg dry	0.530	0.530	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:59	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-89-6	**Iron**	**23700**		mg/kg dry	2.12	2.12	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:59	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-92-1	**Lead**	**286**		mg/kg dry	0.318	0.318	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:59	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**7500**		mg/kg dry	5.30	5.30	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:59	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-96-5	**Manganese**	**300**		mg/kg dry	0.530	0.530	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:59	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-02-0	**Nickel**	**24.9**		mg/kg dry	0.530	0.530	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:59	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1800**		mg/kg dry	5.30	5.30	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:59	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7782-49-2	**Selenium**	**2.11**		mg/kg dry	1.06	1.06	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:59	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.530	0.530	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:59	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**391**	B	mg/kg dry	10.6	10.6	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:59	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.06	1.06	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:59	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	**Vanadium**	**47.6**		mg/kg dry	1.06	1.06	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:59	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**497**		mg/kg dry	1.06	1.06	1	EPA 6010C	06/16/2015 17:30	06/17/2015 20:59	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

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**	**0.363**		mg/kg dry	0.0318	0.0318	1	EPA 7473	06/16/2015 07:05	06/16/2015 14:31	ALD
								Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SP-3 (0-2') **York Sample ID:** 15F0487-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:15 am	06/12/2015

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 Certifications: CTDOH	06/15/2015 10:48	06/15/2015 15:00	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	0.530	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854	06/18/2015 07:36	06/18/2015 15:08	SC

Chromium, Trivalent **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
16065-83-1	*** Chromium, Trivalent**	**22.2**		mg/kg	0.250	0.500	1	Calculation Certifications:	06/18/2015 15:14	06/18/2015 15:24	SC

Sample Information

Client Sample ID: SP-3 (10-12') **York Sample ID:** 15F0487-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:25 am	06/12/2015

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:13	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 14:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 14:13	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 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 14:13	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 14:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 14:13	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:13	SS

Sample Information

Client Sample ID: SP-3 (10-12')

York Sample ID: 15F0487-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:25 am	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	90	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
78-93-3	**2-Butanone**	**10**	CCV-E	ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
67-64-1	Acetone	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS

Sample Information

Client Sample ID: SP-3 (10-12')

York Sample ID: 15F0487-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:25 am	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.0	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854	06/16/2015 14:13	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854	06/16/2015 14:13	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 14:13	SS

Sample Information

Client Sample ID: SP-3 (10-12') **York Sample ID:** 15F0487-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:25 am	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 NELAC-NY10854,NJDEP	06/16/2015 14:13	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:13	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.4 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.4 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.7 %*	*76-130*

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:26	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:26	KH
62-53-3	Aniline	ND		ug/kg dry	227	454	2	EPA 8270D Certifications:	06/16/2015 07:12 NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:26	KH
120-12-7	Anthracene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:26	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:26	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:26	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:26	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:26	KH

Sample Information

Client Sample ID: SP-3 (10-12') **York Sample ID:** 15F0487-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:25 am	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 NELAC-NY10854	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 NELAC-NY10854	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 NELAC-NY10854	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 NELAC-NY10854,NJDEP,PADEP	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SP-3 (10-12')

York Sample ID: 15F0487-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:25 am	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	113	226	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	113	226	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP	KH
91-20-3	Naphthalene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	113	226	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	113	226	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	113	226	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	113	226	2	EPA 8270D Certifications:	06/16/2015 07:12	06/16/2015 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SP-3 (10-12') **York Sample ID:** 15F0487-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:25 am	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:26	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 23:26	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 23:26	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:26	KH
85-01-8	Phenanthrene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:26	KH
108-95-2	Phenol	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:26	KH
129-00-0	Pyrene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:26	KH
110-86-1	Pyridine	ND		ug/kg dry	227	454	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:26	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 23:26	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	56.8	113	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 23:26	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*64.4 %*	*10-95*
4165-62-2	*Surrogate: Phenol-d5*	*69.3 %*	*10-107*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*62.4 %*	*10-95*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*59.2 %*	*10-97*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*50.9 %*	*10-103*
1718-51-0	*Surrogate: Terphenyl-d14*	*57.8 %*	*19-99*

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	2.24	2.24	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:35	AMC
72-55-9	**4,4'-DDE**	**4.53**		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:35	AMC
50-29-3	**4,4'-DDT**	**3.86**		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:35	AMC
309-00-2	Aldrin	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:35	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:35	AMC

Sample Information

Client Sample ID: SP-3 (10-12')

York Sample ID: 15F0487-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:25 am	06/12/2015

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	2.24	2.24	5	EPA 8081B Certifications:	06/15/2015 12:28 NELAC-NY10854,NJDEP	06/17/2015 16:35	AMC
319-85-7	beta-BHC	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:35	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	89.7	89.7	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:35	AMC
319-86-8	delta-BHC	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:35	AMC
60-57-1	Dieldrin	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:35	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:35	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:35	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:35	AMC
72-20-8	Endrin	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:35	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:35	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP	06/17/2015 16:35	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:35	AMC
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications:	06/15/2015 12:28 NELAC-NY10854,NJDEP	06/17/2015 16:35	AMC
76-44-8	Heptachlor	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:35	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:35	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	11.2	11.2	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:35	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	113	113	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP	06/17/2015 16:35	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.4 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*89.6 %*	*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	0.0226	0.0226	1	EPA 8082A Certifications:	06/15/2015 12:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/17/2015 01:42	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A Certifications:	06/15/2015 12:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/17/2015 01:42	AMC

Sample Information

Client Sample ID: SP-3 (10-12')

York Sample ID: 15F0487-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:25 am	06/12/2015

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
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 01:42	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 01:42	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 01:42	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 01:42	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 01:42	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A Certifications:	06/15/2015 12:28	06/17/2015 01:42	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.5 %*	*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	6.79	6.79	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 17:30	06/17/2015 21:17	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.679	0.679	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 17:30	06/17/2015 21:17	ALD
7440-38-2	**Arsenic**	**3.37**		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 17:30	06/17/2015 21:17	ALD
7440-39-3	**Barium**	**34.2**		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 17:30	06/17/2015 21:17	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.136	0.136	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 17:30	06/17/2015 21:17	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.408	0.408	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 17:30	06/17/2015 21:17	ALD
7440-70-2	**Calcium**	**2620**		mg/kg dry	0.679	6.79	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 17:30	06/17/2015 21:17	ALD
7440-47-3	**Chromium**	**26.3**		mg/kg dry	0.679	0.679	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 17:30	06/17/2015 21:17	ALD
7440-48-4	**Cobalt**	**10.2**		mg/kg dry	0.679	0.679	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 17:30	06/17/2015 21:17	ALD
7440-50-8	**Copper**	**12.0**		mg/kg dry	0.679	0.679	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 17:30	06/17/2015 21:17	ALD
7439-89-6	**Iron**	**27600**		mg/kg dry	2.72	2.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 17:30	06/17/2015 21:17	ALD
7439-92-1	**Lead**	**12.8**		mg/kg dry	0.408	0.408	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 17:30	06/17/2015 21:17	ALD

Sample Information

Client Sample ID: SP-3 (10-12')

York Sample ID: 15F0487-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:25 am	06/12/2015

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**5490**		mg/kg dry	6.79	6.79	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:17	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-96-5	**Manganese**	**447**		mg/kg dry	0.679	0.679	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:17	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-02-0	**Nickel**	**21.9**		mg/kg dry	0.679	0.679	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:17	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**2700**		mg/kg dry	6.79	6.79	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:17	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7782-49-2	**Selenium**	**4.18**		mg/kg dry	1.36	1.36	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:17	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.679	0.679	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:17	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**904**	B	mg/kg dry	13.6	13.6	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:17	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.36	1.36	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:17	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-62-2	**Vanadium**	**33.6**		mg/kg dry	1.36	1.36	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:17	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-66-6	**Zinc**	**64.0**		mg/kg dry	1.36	1.36	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:17	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

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	0.0408	0.0408	1	EPA 7473	06/16/2015 07:05	06/16/2015 14:40	ALD
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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**	**73.6**		%	0.100	0.100	1	SM 2540G	06/15/2015 10:49	06/15/2015 15:04	SCA
								Certifications: CTDOH			

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	0.476	0.679	1	EPA 7196A	06/18/2015 07:36	06/18/2015 15:08	SC
								Certifications: NJDEP,CTDOH,NELAC-NY10854			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SP-3 (10-12') **York Sample ID:** 15F0487-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 9:25 am	06/12/2015

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
16065-83-1	* Chromium, Trivalent	26.3		mg/kg	0.250	0.500	1	Calculation Certifications:	06/18/2015 15:14	06/18/2015 15:24	SC

Sample Information

Client Sample ID: SP-4 (0-2') **York Sample ID:** 15F0487-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 11:30 am	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 14:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 14:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 14:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 14:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 14:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 14:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 14:43	SS

Sample Information

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

York Sample ID: 15F0487-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 11:30 am	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS CTDOH,NELAC-NY10854,NJDEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS CTDOH,NELAC-NY10854,NJDEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS NELAC-NY10854,NJDEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	64	130	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS NELAC-NY10854,NJDEP
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS NELAC-NY10854,NJDEP
78-93-3	2-Butanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS CTDOH,NELAC-NY10854,NJDEP
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS CTDOH,NELAC-NY10854,NJDEP
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS CTDOH,NELAC-NY10854,NJDEP
67-64-1	Acetone	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS CTDOH,NELAC-NY10854,NJDEP
71-43-2	Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS NELAC-NY10854,NJDEP
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS NELAC-NY10854,NJDEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS CTDOH,NELAC-NY10854,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17	06/16/2015 14:43	SS CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

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

York Sample ID: 15F0487-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 11:30 am	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 14:43	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 14:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
75-09-2	Methylene chloride	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 14:43	SS
91-20-3	**Naphthalene**	**21**		ug/kg dry	3.2	13	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	06/16/2015 08:17	06/16/2015 14:43	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	06/16/2015 08:17	06/16/2015 14:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
100-42-5	Styrene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 14:43	SS
108-88-3	Toluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 14:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 14:43	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 14:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 14:43	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 14:43	SS

Sample Information

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

York Sample ID: 15F0487-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 11:30 am	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:43	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.6	19	1	EPA 8260C Certifications:	06/16/2015 08:17 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 14:43	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.8 %*	*76-130*

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**212**		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 20:06	KH
208-96-8	**Acenaphthylene**	**93.7**		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 20:06	KH
62-53-3	Aniline	ND		ug/kg dry	178	356	2	EPA 8270D Certifications:	06/16/2015 07:12 NELAC-NY10854,NJDEP,PADEP	06/17/2015 20:06	KH
120-12-7	**Anthracene**	**430**		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 20:06	KH
56-55-3	**Benzo(a)anthracene**	**1280**		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 20:06	KH
50-32-8	**Benzo(a)pyrene**	**1140**	CCV-E	ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 20:06	KH
205-99-2	**Benzo(b)fluoranthene**	**996**		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 20:06	KH
191-24-2	**Benzo(g,h,i)perylene**	**941**	CCV-E	ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 20:06	KH
207-08-9	**Benzo(k)fluoranthene**	**1080**		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 20:06	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12 NELAC-NY10854,NJDEP,PADEP	06/17/2015 20:06	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 20:06	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 20:06	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 20:06	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 20:06	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 20:06	KH

Sample Information

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

York Sample ID: 15F0487-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 11:30 am	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**1230**		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	**Dibenzo(a,h)anthracene**	**453**	CCV-E	ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	**Dibenzofuran**	**77.4**	J	ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 CTDOH,NELAC-NY10854,NJDEP	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 NELAC-NY10854	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 NELAC-NY10854	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 NELAC-NY10854	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 NELAC-NY10854,NJDEP,PADEP	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 CTDOH,NELAC-NY10854,NJDEP	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**213**		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 20:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

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

York Sample ID: 15F0487-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 11:30 am	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**2040**		ug/kg dry	44.5	88.8	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**186**		ug/kg dry	44.5	88.8	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**874**	CCV-E	ug/kg dry	44.5	88.8	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-48-7	2-Methylphenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
91-20-3	Naphthalene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.8	177	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/kg dry	88.8	177	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.8	177	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.8	177	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**1380**		ug/kg dry	44.5	88.8	2	EPA 8270D	06/16/2015 07:12	06/17/2015 20:06	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

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

York Sample ID: 15F0487-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 11:30 am	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 20:06	KH
129-00-0	**Pyrene**	**1830**		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 20:06	KH
110-86-1	Pyridine	ND		ug/kg dry	178	356	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 20:06	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 20:06	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 20:06	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/17/2015 20:06	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*40.1 %*	*10-95*
4165-62-2	*Surrogate: Phenol-d5*	*44.0 %*	*10-107*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*44.8 %*	*10-95*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*42.7 %*	*10-97*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*48.2 %*	*10-103*
1718-51-0	*Surrogate: Terphenyl-d14*	*43.8 %*	*19-99*

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**	**94.8**		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:50	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:50	AMC
50-29-3	**4,4'-DDT**	**177**		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:50	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:50	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:50	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications:	06/15/2015 12:28 NELAC-NY10854,NJDEP	06/17/2015 16:50	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:50	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	70.3	70.3	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:50	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:50	AMC
60-57-1	Dieldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:50	AMC

Sample Information

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

York Sample ID: 15F0487-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 11:30 am	06/12/2015

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
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:50	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:50	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:50	AMC
72-20-8	Endrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:50	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:50	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP	06/17/2015 16:50	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:50	AMC
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications:	06/15/2015 12:28 NELAC-NY10854,NJDEP	06/17/2015 16:50	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:50	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	1.76	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:50	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	8.79	8.79	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 16:50	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	89.0	89.0	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP	06/17/2015 16:50	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*95.2 %*	*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications:	06/15/2015 12:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/17/2015 02:11	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications:	06/15/2015 12:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/17/2015 02:11	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications:	06/15/2015 12:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/17/2015 02:11	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications:	06/15/2015 12:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/17/2015 02:11	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications:	06/15/2015 12:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/17/2015 02:11	AMC
11097-69-1	**Aroclor 1254**	**0.598**		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications:	06/15/2015 12:28 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/17/2015 02:11	AMC

Sample Information

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

York Sample ID: 15F0487-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 11:30 am	06/12/2015

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
11096-82-5	**Aroclor 1260**	**0.127**		mg/kg dry	0.0177	0.0177	1	EPA 8082A	06/15/2015 12:28	06/17/2015 02:11	AMC
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	*** Total PCBs**	**0.724**		mg/kg dry	0.0177	0.0177	1	EPA 8082A	06/15/2015 12:28	06/17/2015 02:11	AMC
								Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.1 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6080**		mg/kg dry	5.33	5.33	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-36-0	Antimony	ND		mg/kg dry	0.533	0.533	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**4.11**		mg/kg dry	1.07	1.07	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**336**		mg/kg dry	1.07	1.07	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-43-9	**Cadmium**	**0.855**		mg/kg dry	0.320	0.320	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**27800**		mg/kg dry	0.533	5.33	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-47-3	**Chromium**	**17.9**		mg/kg dry	0.533	0.533	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**6.54**		mg/kg dry	0.533	0.533	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-50-8	**Copper**	**85.4**		mg/kg dry	0.533	0.533	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-89-6	**Iron**	**18600**		mg/kg dry	2.13	2.13	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-92-1	**Lead**	**278**		mg/kg dry	0.320	0.320	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**5350**		mg/kg dry	5.33	5.33	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-96-5	**Manganese**	**214**		mg/kg dry	0.533	0.533	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-02-0	**Nickel**	**17.6**		mg/kg dry	0.533	0.533	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

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

York Sample ID: 15F0487-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 11:30 am	06/12/2015

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
7440-09-7	**Potassium**	**1240**		mg/kg dry	5.33	5.33	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7782-49-2	**Selenium**	**1.76**		mg/kg dry	1.07	1.07	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.533	0.533	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**408**	B	mg/kg dry	10.7	10.7	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-62-2	**Vanadium**	**32.3**		mg/kg dry	1.07	1.07	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-66-6	**Zinc**	**345**		mg/kg dry	1.07	1.07	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:22	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

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**	**0.319**		mg/kg dry	0.0320	0.0320	1	EPA 7473	06/16/2015 07:05	06/16/2015 14:49	ALD
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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	06/15/2015 10:49	06/15/2015 15:04	SCA
								Certifications: CTDOH			

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	06/18/2015 07:36	06/18/2015 15:08	SC
								Certifications: NJDEP,CTDOH,NELAC-NY10854			

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**17.9**		mg/kg	0.250	0.500	1	Calculation	06/18/2015 15:14	06/18/2015 15:24	SC
								Certifications:			

Sample Information

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

York Sample ID: 15F0487-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 1:00 pm	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 15:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 15:12	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 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 15:12	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 15:12	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 15:12	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 15:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 15:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 15:12	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 15:12	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	93	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS

Sample Information

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

York Sample ID: 15F0487-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 1:00 pm	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**5.2**	CCV-E	ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-64-1	**Acetone**	**19**	CCV-E, SCAL-E	ug/kg dry	4.6	9.3	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-86-1	Bromobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: NELAC-NY10854,NJDEP			
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: NELAC-NY10854,NJDEP			
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: NELAC-NY10854,NJDEP,PADEP			
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: NELAC-NY10854,NJDEP			
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	06/16/2015 08:17	06/16/2015 15:12	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

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

York Sample ID: 15F0487-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 1:00 pm	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 15:12	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	06/16/2015 08:17	06/16/2015 15:12	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	06/16/2015 08:17	06/16/2015 15:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 15:12	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 15:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 15:12	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 15:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 15:12	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/16/2015 08:17	06/16/2015 15:12	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 15:12	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 08:17	06/16/2015 15:12	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*96.6 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.9 %*	*76-130*

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Information

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

York Sample ID: 15F0487-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 1:00 pm	06/12/2015

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		ug/kg dry	206	412	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12	06/17/2015 19:35 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

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

York Sample ID: 15F0487-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 1:00 pm	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: NELAC-NY10854	06/16/2015 07:12	06/17/2015 19:35	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: NELAC-NY10854	06/16/2015 07:12	06/17/2015 19:35	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: NELAC-NY10854	06/16/2015 07:12	06/17/2015 19:35	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 19:35	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 19:35	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 19:35	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 19:35	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 19:35	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	103	206	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 07:12	06/17/2015 19:35	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	103	206	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 19:35	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 19:35	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 19:35	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 19:35	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 19:35	KH
206-44-0	Fluoranthene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 19:35	KH
86-73-7	Fluorene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 19:35	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 19:35	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 19:35	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 19:35	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 19:35	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 19:35	KH
78-59-1	Isophorone	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 19:35	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 07:12	06/17/2015 19:35	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 07:12	06/17/2015 19:35	KH

Sample Information

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

York Sample ID: 15F0487-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 1:00 pm	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/17/2015 19:35	KH
91-20-3	Naphthalene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/17/2015 19:35	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	103	206	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 19:35	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	103	206	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 19:35	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	103	206	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 19:35	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 19:35	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 19:35	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	103	206	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 19:35	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 19:35	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/17/2015 19:35	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/17/2015 19:35	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 19:35	KH
85-01-8	Phenanthrene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 19:35	KH
108-95-2	Phenol	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 19:35	KH
129-00-0	Pyrene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 19:35	KH
110-86-1	Pyridine	ND		ug/kg dry	206	412	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 19:35	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 19:35	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 19:35	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	51.6	103	2	EPA 8270D Certifications:	06/16/2015 07:12 CTDOH,NELAC-NY10854,NJDEP	06/17/2015 19:35	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*29.2 %*	*10-95*
4165-62-2	*Surrogate: Phenol-d5*	*31.0 %*	*10-107*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*30.2 %*	*10-95*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*27.2 %*	*10-97*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*33.6 %*	*10-103*
1718-51-0	*Surrogate: Terphenyl-d14*	*27.0 %*	*19-99*

Sample Information

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

York Sample ID: 15F0487-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 1:00 pm	06/12/2015

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	2.04	2.04	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 17:05	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 17:05	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 17:05	AMC
309-00-2	Aldrin	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 17:05	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 17:05	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications:	06/15/2015 12:28 NELAC-NY10854,NJDEP	06/17/2015 17:05	AMC
319-85-7	beta-BHC	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 17:05	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	81.4	81.4	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 17:05	AMC
319-86-8	delta-BHC	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 17:05	AMC
60-57-1	Dieldrin	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 17:05	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 17:05	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 17:05	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 17:05	AMC
72-20-8	Endrin	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 17:05	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 17:05	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP	06/17/2015 17:05	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 17:05	AMC
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications:	06/15/2015 12:28 NELAC-NY10854,NJDEP	06/17/2015 17:05	AMC
76-44-8	Heptachlor	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 17:05	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 17:05	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	10.2	10.2	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 17:05	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	103	103	5	EPA 8081B Certifications:	06/15/2015 12:28 CTDOH,NELAC-NY10854,NJDEP	06/17/2015 17:05	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.5 %*	*30-140*

Sample Information

Client Sample ID: SP-4 (10-12') **York Sample ID:** 15F0487-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 1:00 pm	06/12/2015

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
2051-24-3	*Surrogate: Decachlorobiphenyl*	*89.3 %*			*30-140*						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 02:41	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 02:41	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 02:41	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 02:41	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 02:41	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 02:41	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 12:28	06/17/2015 02:41	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A Certifications:	06/15/2015 12:28	06/17/2015 02:41	AMC

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.2 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.0 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7840**		mg/kg dry	6.17	6.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 17:30	06/17/2015 21:27	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.617	0.617	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 17:30	06/17/2015 21:27	ALD
7440-38-2	Arsenic	ND		mg/kg dry	1.23	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 17:30	06/17/2015 21:27	ALD
7440-39-3	**Barium**	**28.0**		mg/kg dry	1.23	1.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 17:30	06/17/2015 21:27	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.123	0.123	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 17:30	06/17/2015 21:27	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.370	0.370	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/16/2015 17:30	06/17/2015 21:27	ALD
7440-70-2	**Calcium**	**1550**		mg/kg dry	0.617	6.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 17:30	06/17/2015 21:27	ALD

Sample Information

Client Sample ID: SP-4 (10-12') **York Sample ID:** 15F0487-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 1:00 pm	06/12/2015

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
7440-47-3	**Chromium**	**13.8**		mg/kg dry	0.617	0.617	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:27	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**4.76**		mg/kg dry	0.617	0.617	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:27	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-50-8	**Copper**	**10.1**		mg/kg dry	0.617	0.617	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:27	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-89-6	**Iron**	**11600**		mg/kg dry	2.47	2.47	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:27	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-92-1	**Lead**	**9.30**		mg/kg dry	0.370	0.370	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:27	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2540**		mg/kg dry	6.17	6.17	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:27	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-96-5	**Manganese**	**105**		mg/kg dry	0.617	0.617	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:27	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-02-0	**Nickel**	**11.8**		mg/kg dry	0.617	0.617	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:27	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**962**		mg/kg dry	6.17	6.17	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:27	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7782-49-2	**Selenium**	**1.75**		mg/kg dry	1.23	1.23	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:27	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.617	0.617	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:27	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**187**	B	mg/kg dry	12.3	12.3	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:27	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.23	1.23	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:27	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	**Vanadium**	**17.3**		mg/kg dry	1.23	1.23	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:27	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**31.3**		mg/kg dry	1.23	1.23	1	EPA 6010C	06/16/2015 17:30	06/17/2015 21:27	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

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**	**0.150**		mg/kg dry	0.0370	0.0370	1	EPA 7473	06/16/2015 07:05	06/16/2015 14:58	ALD
								Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

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

Sample Information

Client Sample ID: SP-4 (10-12') **York Sample ID:** 15F0487-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Soil	June 11, 2015 1:00 pm	06/12/2015

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.1**		%	0.100	0.100	1	SM 2540G	06/15/2015 10:49	06/15/2015 15:04	SCA
								Certifications: CTDOH			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.432	0.617	1	EPA 7196A	06/18/2015 07:36	06/18/2015 15:08	SC
								Certifications: NJDEP,CTDOH,NELAC-NY10854			

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**13.8**		mg/kg	0.250	0.500	1	Calculation	06/18/2015 15:14	06/18/2015 15:24	SC
								Certifications:			

Sample Information

Client Sample ID: Field Blank **York Sample ID:** 15F0487-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Water	June 11, 2015 3:00 pm	06/12/2015

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/15/2015 16:50	06/15/2015 23:11	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/15/2015 16:50	06/15/2015 23:11	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/15/2015 16:50	06/15/2015 23:11	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	06/15/2015 16:50	06/15/2015 23:11	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/15/2015 16:50	06/15/2015 23:11	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/15/2015 16:50	06/15/2015 23:11	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **15F0487-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Water	June 11, 2015 3:00 pm	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **15F0487-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Water	June 11, 2015 3:00 pm	06/12/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 NELAC-NY10854,NJDEP,PADEP	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 NELAC-NY10854,NJDEP,PADEP	BK
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 NELAC-NY10854,NJDEP,PADEP	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-09-2	**Methylene chloride**	**8.2**	J	ug/L	2.5	10	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 NELAC-NY10854,NJDEP,PADEP	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 CTDOH,NELAC-NY10854,PADEP	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 CTDOH,NELAC-NY10854,PADEP	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50	06/15/2015 23:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **15F0487-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Water	June 11, 2015 3:00 pm	06/12/2015

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 NELAC-NY10854,NJDEP	06/15/2015 23:11	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 23:11	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	06/15/2015 16:50 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 23:11	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*92.0 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.6 %*	*81-114*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
62-53-3	Aniline	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
120-12-7	Anthracene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH

Sample Information

Client Sample ID: Field Blank

York Sample ID: 15F0487-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Water	June 11, 2015 3:00 pm	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
100-51-6	Benzyl alcohol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
106-47-8	4-Chloroaniline	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
95-57-8	2-Chlorophenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
218-01-9	Chrysene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
132-64-9	Dibenzofuran	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 NELAC-NY10854	06/15/2015 17:06	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 NELAC-NY10854	06/15/2015 17:06	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 NELAC-NY10854	06/15/2015 17:06	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
84-66-2	Diethyl phthalate	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **15F0487-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Water	June 11, 2015 3:00 pm	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.690	0.690	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
206-44-0	Fluoranthene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
86-73-7	**Fluorene**	**0.345**		ug/L	0.0690	0.0690	1	EPA 8270D Certifications:	06/15/2015 07:48 NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0276	0.0276	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.690	0.690	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
67-72-1	Hexachloroethane	ND		ug/L	0.690	0.690	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
78-59-1	Isophorone	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
95-48-7	2-Methylphenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
91-20-3	Naphthalene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
100-01-6	4-Nitroaniline	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
99-09-2	3-Nitroaniline	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
88-74-4	2-Nitroaniline	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
98-95-3	Nitrobenzene	ND		ug/L	0.345	0.345	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
100-02-7	4-Nitrophenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **15F0487-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Water	June 11, 2015 3:00 pm	06/12/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.690	0.690	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.345	0.345	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
85-01-8	Phenanthrene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
108-95-2	Phenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
129-00-0	Pyrene	ND		ug/L	0.0690	0.0690	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 11:01	KH
110-86-1	Pyridine	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.45	6.90	1	EPA 8270D Certifications:	06/15/2015 07:48 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 17:06	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*19.3 %*	*10-65*
4165-62-2	*Surrogate: Phenol-d5*	*14.4 %*	*10-49*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*39.9 %*	*10-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*31.3 %*	*10-93*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*46.1 %*	*10-128*
1718-51-0	*Surrogate: Terphenyl-d14*	*37.1 %*	*10-100*

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
72-54-8	4,4'-DDD	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC
309-00-2	Aldrin	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **15F0487-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Water	June 11, 2015 3:00 pm	06/12/2015

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
319-84-6	alpha-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC
319-85-7	beta-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0432	0.0432	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC
319-86-8	delta-BHC	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC
60-57-1	Dieldrin	ND		ug/L	0.00216	0.00216	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC
72-20-8	Endrin	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	0.0108	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0108	0.0108	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0108	0.0108	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC
76-44-8	Heptachlor	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC
72-43-5	**Methoxychlor**	**0.00581**		ug/L	0.00432	0.00432	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC
8001-35-2	Toxaphene	ND		ug/L	0.108	0.108	1	EPA 8081B Certifications:	06/16/2015 08:03 CTDOH,NELAC-NY10854,NJDEP	06/16/2015 16:31	AMC

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*27.5 %*	GC-Surr	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.8 %*		*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

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **15F0487-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Water	June 11, 2015 3:00 pm	06/12/2015

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	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/16/2015 08:03	06/16/2015 13:50	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/16/2015 08:03	06/16/2015 13:50	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/16/2015 08:03	06/16/2015 13:50	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/16/2015 08:03	06/16/2015 13:50	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/16/2015 08:03	06/16/2015 13:50	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/16/2015 08:03	06/16/2015 13:50	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/16/2015 08:03	06/16/2015 13:50	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0541	0.0541	1	EPA 8082A Certifications:	06/16/2015 08:03	06/16/2015 13:50	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.2 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.2 %*	*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	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 01:38	06/16/2015 01:38	ALD
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 01:38	06/16/2015 01:38	ALD
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 01:38	06/16/2015 01:38	ALD
7440-39-3	Barium	ND		mg/L	0.010	0.010	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 01:38	06/16/2015 01:38	ALD
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 01:38	06/16/2015 01:38	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 01:38	06/16/2015 01:38	ALD
7440-70-2	Calcium	ND		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 01:38	06/16/2015 01:38	ALD
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 01:38	06/16/2015 01:38	ALD
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 01:38	06/16/2015 01:38	ALD
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/16/2015 01:38	06/16/2015 01:38	ALD

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **15F0487-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Water	June 11, 2015 3:00 pm	06/12/2015

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
7439-89-6	**Iron**	**0.057**		mg/L	0.020	0.020	1	EPA 6010C	06/16/2015 01:38	06/16/2015 01:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	06/16/2015 01:38	06/16/2015 01:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-95-4	Magnesium	ND		mg/L	0.050	0.050	1	EPA 6010C	06/16/2015 01:38	06/16/2015 01:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-96-5	Manganese	ND		mg/L	0.005	0.005	1	EPA 6010C	06/16/2015 01:38	06/16/2015 01:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	06/16/2015 01:38	06/16/2015 01:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-09-7	**Potassium**	**0.066**		mg/L	0.050	0.050	1	EPA 6010C	06/16/2015 01:38	06/16/2015 01:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	06/16/2015 01:38	06/16/2015 01:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	06/16/2015 01:38	06/16/2015 01:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-23-5	**Sodium**	**0.137**		mg/L	0.100	0.100	1	EPA 6010C	06/16/2015 01:38	06/16/2015 01:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	**Thallium**	**0.005**		mg/L	0.005	0.005	1	EPA 6010C	06/16/2015 01:38	06/16/2015 01:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	06/16/2015 01:38	06/16/2015 01:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-66-6	**Zinc**	**0.012**		mg/L	0.010	0.010	1	EPA 6010C	06/16/2015 01:38	06/16/2015 01:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

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	06/17/2015 08:14	06/17/2015 15:20	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

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	06/12/2015 17:30	06/12/2015 17:30	SCA
								Certifications: NELAC-NY10854,CTDOH,NJDEP			

Chromium, Trivalent

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
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.00800	0.0100	1	Calculation	06/17/2015 17:05	06/17/2015 17:06	SCA
								Certifications:			

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **15F0487-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0487	#150133 200 East 135th Street Bronx, NY	Water	June 11, 2015 3:00 pm	06/12/2015

Analytical Batch Summary

Batch ID: BF50672 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15F0487-07	Field Blank	06/15/15
BF50672-BLK1	Blank	06/15/15
BF50672-BS1	LCS	06/15/15
BF50672-BSD1	LCS Dup	06/15/15

Batch ID: BF50688 **Preparation Method:** % Solids Prep **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
15F0487-01	SP-1 (0-2')	06/15/15
15F0487-02	SP-1 (10-12')	06/15/15
15F0487-03	SP-3 (0-2')	06/15/15
BF50688-DUP1	Duplicate	06/15/15

Batch ID: BF50689 **Preparation Method:** % Solids Prep **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
15F0487-04	SP-3 (10-12')	06/15/15
15F0487-05	SP-4 (0-2')	06/15/15
15F0487-06	SP-4 (10-12')	06/15/15
BF50689-DUP1	Duplicate	06/15/15

Batch ID: BF50691 **Preparation Method:** Analysis Preparation **Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
15F0487-07	Field Blank	06/12/15
BF50691-BLK1	Blank	06/12/15
BF50691-BS1	LCS	06/12/15
BF50691-DUP1	Duplicate	06/12/15
BF50691-MS1	Matrix Spike	06/12/15

Batch ID: BF50697 **Preparation Method:** EPA 3550C **Prepared By:** LEK

YORK Sample ID	Client Sample ID	Preparation Date
15F0487-01	SP-1 (0-2')	06/15/15
15F0487-01	SP-1 (0-2')	06/15/15
15F0487-02	SP-1 (10-12')	06/15/15
15F0487-02	SP-1 (10-12')	06/15/15
15F0487-03	SP-3 (0-2')	06/15/15
15F0487-03	SP-3 (0-2')	06/15/15
15F0487-04	SP-3 (10-12')	06/15/15
15F0487-04	SP-3 (10-12')	06/15/15
15F0487-05	SP-4 (0-2')	06/15/15
15F0487-05	SP-4 (0-2')	06/15/15

15F0487-06	SP-4 (10-12')	06/15/15
15F0487-06	SP-4 (10-12')	06/15/15
BF50697-BLK1	Blank	06/15/15
BF50697-BLK1	Blank	06/15/15
BF50697-BS1	LCS	06/15/15
BF50697-BS2	LCS	06/15/15
BF50697-BSD2	LCS Dup	06/15/15

Batch ID: BF50700 **Preparation Method:** EPA 3010A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15F0487-07	Field Blank	06/16/15
BF50700-BLK1	Blank	06/15/15
BF50700-SRM1	Reference	06/15/15
BF50700-SRM2	Reference	06/15/15

Batch ID: BF50711 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15F0487-07	Field Blank	06/15/15
BF50711-BLK1	Blank	06/15/15
BF50711-BS1	LCS	06/15/15
BF50711-BSD1	LCS Dup	06/15/15

Batch ID: BF50731 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15F0487-01	SP-1 (0-2')	06/16/15
15F0487-02	SP-1 (10-12')	06/16/15
15F0487-03	SP-3 (0-2')	06/16/15
15F0487-04	SP-3 (10-12')	06/16/15
15F0487-05	SP-4 (0-2')	06/16/15
15F0487-06	SP-4 (10-12')	06/16/15
BF50731-BLK1	Blank	06/16/15
BF50731-SRM1	Reference	06/16/15

Batch ID: BF50732 **Preparation Method:** EPA 3550C **Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
15F0487-01	SP-1 (0-2')	06/16/15
15F0487-02	SP-1 (10-12')	06/16/15
15F0487-03	SP-3 (0-2')	06/16/15
15F0487-04	SP-3 (10-12')	06/16/15
15F0487-05	SP-4 (0-2')	06/16/15
15F0487-06	SP-4 (10-12')	06/16/15
BF50732-BLK1	Blank	06/16/15
BF50732-BS1	LCS	06/16/15
BF50732-BSD1	LCS Dup	06/16/15

Batch ID: BF50740 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15F0487-07	Field Blank	06/16/15
15F0487-07	Field Blank	06/16/15
BF50740-BLK1	Blank	06/16/15
BF50740-BLK1	Blank	06/16/15
BF50740-BS1	LCS	06/16/15
BF50740-BS2	LCS	06/16/15
BF50740-BSD1	LCS Dup	06/16/15
BF50740-BSD2	LCS Dup	06/16/15

Batch ID: BF50748 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15F0487-01	SP-1 (0-2')	06/16/15
15F0487-02	SP-1 (10-12')	06/16/15
15F0487-03	SP-3 (0-2')	06/16/15
15F0487-04	SP-3 (10-12')	06/16/15
15F0487-05	SP-4 (0-2')	06/16/15
15F0487-06	SP-4 (10-12')	06/16/15
BF50748-BLK1	Blank	06/16/15
BF50748-BS1	LCS	06/16/15
BF50748-BSD1	LCS Dup	06/16/15

Batch ID: BF50771 **Preparation Method:** EPA 3050B **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15F0487-01	SP-1 (0-2')	06/16/15
15F0487-02	SP-1 (10-12')	06/16/15
15F0487-03	SP-3 (0-2')	06/16/15
15F0487-04	SP-3 (10-12')	06/16/15
15F0487-05	SP-4 (0-2')	06/16/15
15F0487-06	SP-4 (10-12')	06/16/15
BF50771-BLK1	Blank	06/16/15
BF50771-SRM1	Reference	06/16/15

Batch ID: BF50815 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15F0487-07	Field Blank	06/17/15
BF50815-BLK1	Blank	06/17/15
BF50815-DUP1	Duplicate	06/17/15
BF50815-MS1	Matrix Spike	06/17/15
BF50815-SRM1	Reference	06/17/15

Batch ID: BF50865 **Preparation Method:** Analysis Preparation **Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date

15F0487-07	Field Blank	06/17/15

Batch ID: BF50883 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
15F0487-01	SP-1 (0-2')	06/18/15
15F0487-02	SP-1 (10-12')	06/18/15
15F0487-03	SP-3 (0-2')	06/18/15
15F0487-04	SP-3 (10-12')	06/18/15
15F0487-05	SP-4 (0-2')	06/18/15
15F0487-06	SP-4 (10-12')	06/18/15
BF50883-BLK1	Blank	06/18/15
BF50883-SRM1	Reference	06/18/15

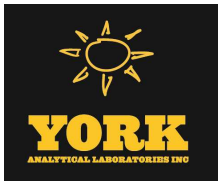
Batch ID: BF50939 **Preparation Method:** Analysis Preparation **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
15F0487-01	SP-1 (0-2')	06/18/15
15F0487-02	SP-1 (10-12')	06/18/15
15F0487-03	SP-3 (0-2')	06/18/15
15F0487-04	SP-3 (10-12')	06/18/15
15F0487-05	SP-4 (0-2')	06/18/15
15F0487-06	SP-4 (10-12')	06/18/15

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 BF50711 - EPA 5030B											
Blank (BF50711-BLK1)											
Prepared & Analyzed: 06/15/2015											
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

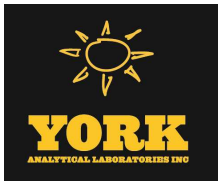
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50711 - EPA 5030B											
Blank (BF50711-BLK1)								Prepared & Analyzed: 06/15/2015			
p- & m- Xylenes	ND	10	ug/L								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*59.7*		*"*	*50.0*		*119*	*65-135*				
Surrogate: Toluene-d8	*46.6*		*"*	*50.0*		*93.2*	*86-118*				
Surrogate: p-Bromofluorobenzene	*47.5*		*"*	*50.0*		*95.0*	*81-114*				
LCS (BF50711-BS1)								Prepared & Analyzed: 06/15/2015			
1,1,1,2-Tetrachloroethane	52.4		ug/L	50.0		105	70-132				
1,1,1-Trichloroethane	63.0		"	50.0		126	68-138				
1,1,2,2-Tetrachloroethane	39.2		"	50.0		78.4	73-132				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	64.8		"	50.0		130	67-136				
1,1,2-Trichloroethane	44.3		"	50.0		88.6	79-125				
1,1-Dichloroethane	56.0		"	50.0		112	78-128				
1,1-Dichloroethylene	56.7		"	50.0		113	68-134				
1,1-Dichloropropylene	55.5		"	50.0		111	74-130				
1,2,3-Trichlorobenzene	48.1		"	50.0		96.2	77-140				
1,2,3-Trichloropropane	44.2		"	50.0		88.4	79-127				
1,2,4-Trichlorobenzene	48.0		"	50.0		96.0	75-141				
1,2,4-Trimethylbenzene	49.2		"	50.0		98.5	78-127				
1,2-Dibromo-3-chloropropane	42.7		"	50.0		85.4	60-150				
1,2-Dibromoethane	47.8		"	50.0		95.6	86-123				
1,2-Dichlorobenzene	46.5		"	50.0		92.9	79-125				
1,2-Dichloroethane	62.2		"	50.0		124	69-133				
1,2-Dichloropropane	42.2		"	50.0		84.3	76-124				
1,3,5-Trimethylbenzene	48.6		"	50.0		97.3	78-128				
1,3-Dichlorobenzene	45.9		"	50.0		91.9	81-124				
1,3-Dichloropropane	44.5		"	50.0		89.1	79-125				
1,4-Dichlorobenzene	44.8		"	50.0		89.6	82-124				
2,2-Dichloropropane	59.0		"	50.0		118	61-139				
2-Butanone	63.5		"	50.0		127	44-169				
2-Chlorotoluene	48.2		"	50.0		96.3	74-130				
4-Chlorotoluene	47.7		"	50.0		95.5	75-127				
Acetone	62.2		"	50.0		124	29-163				
Benzene	52.7		"	50.0		105	72-134				
Bromobenzene	41.8		"	50.0		83.5	74-129				
Bromochloromethane	52.3		"	50.0		105	69-134				
Bromodichloromethane	50.4		"	50.0		101	76-127				
Bromoform	50.1		"	50.0		100	77-137				
Bromomethane	56.9		"	50.0		114	50-156				
Carbon tetrachloride	63.6		"	50.0		127	62-145				

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 BF50711 - EPA 5030B											
LCS (BF50711-BS1)								Prepared & Analyzed: 06/15/2015			
Chlorobenzene	51.5		ug/L	50.0		103	85-119				
Chloroethane	52.9		"	50.0		106	49-143				
Chloroform	58.4		"	50.0		117	74-131				
Chloromethane	44.3		"	50.0		88.6	43-134				
cis-1,2-Dichloroethylene	50.8		"	50.0		102	73-134				
cis-1,3-Dichloropropylene	49.1		"	50.0		98.2	77-128				
Dibromochloromethane	53.8		"	50.0		108	79-130				
Dibromomethane	50.7		"	50.0		101	78-128				
Dichlorodifluoromethane	51.6		"	50.0		103	38-139				
Ethyl Benzene	53.1		"	50.0		106	80-129				
Hexachlorobutadiene	50.0		"	50.0		99.9	72-141				
Isopropylbenzene	48.0		"	50.0		96.0	76-128				
Methyl tert-butyl ether (MTBE)	57.7		"	50.0		115	64-142				
Methylene chloride	59.3		"	50.0		119	56-142				
Naphthalene	47.8		"	50.0		95.6	79-144				
n-Butylbenzene	47.1		"	50.0		94.2	74-132				
n-Propylbenzene	47.9		"	50.0		95.8	72-135				
o-Xylene	53.7		"	50.0		107	81-123				
p- & m- Xylenes	105		"	100		105	79-130				
p-Isopropyltoluene	46.0		"	50.0		92.0	80-127				
sec-Butylbenzene	48.2		"	50.0		96.3	78-127				
Styrene	51.7		"	50.0		103	82-124				
tert-Butylbenzene	44.7		"	50.0		89.4	75-131				
Tetrachloroethylene	51.6		"	50.0		103	78-133				
Toluene	50.8		"	50.0		102	83-122				
trans-1,2-Dichloroethylene	57.2		"	50.0		114	59-145				
trans-1,3-Dichloropropylene	50.9		"	50.0		102	74-131				
Trichloroethylene	48.1		"	50.0		96.2	81-125				
Trichlorofluoromethane	60.0		"	50.0		120	61-144				
Vinyl acetate	55.9		"	50.0		112	32-165				
Vinyl Chloride	50.5		"	50.0		101	42-136				
Surrogate: 1,2-Dichloroethane-d4	*55.6*		*"*	*50.0*		*111*	*65-135*				
Surrogate: Toluene-d8	*45.0*		*"*	*50.0*		*89.9*	*86-118*				
Surrogate: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*81-114*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50711 - EPA 5030B											
LCS Dup (BF50711-BSD1)								Prepared & Analyzed: 06/15/2015			
1,1,1,2-Tetrachloroethane	53.7		ug/L	50.0		107	70-132		2.47	30	
1,1,1-Trichloroethane	66.2		"	50.0		132	68-138		4.94	30	
1,1,2,2-Tetrachloroethane	43.6		"	50.0		87.2	73-132		10.6	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	63.5		"	50.0		127	67-136		2.01	30	
1,1,2-Trichloroethane	45.2		"	50.0		90.3	79-125		1.90	30	
1,1-Dichloroethane	56.1		"	50.0		112	78-128		0.196	30	
1,1-Dichloroethylene	59.2		"	50.0		118	68-134		4.30	30	
1,1-Dichloropropylene	57.6		"	50.0		115	74-130		3.85	30	
1,2,3-Trichlorobenzene	52.5		"	50.0		105	77-140		8.73	30	
1,2,3-Trichloropropane	46.0		"	50.0		92.0	79-127		3.99	30	
1,2,4-Trichlorobenzene	52.4		"	50.0		105	75-141		8.76	30	
1,2,4-Trimethylbenzene	51.0		"	50.0		102	78-127		3.39	30	
1,2-Dibromo-3-chloropropane	44.7		"	50.0		89.5	60-150		4.60	30	
1,2-Dibromoethane	50.7		"	50.0		101	86-123		5.89	30	
1,2-Dichlorobenzene	47.8		"	50.0		95.6	79-125		2.86	30	
1,2-Dichloroethane	61.4		"	50.0		123	69-133		1.25	30	
1,2-Dichloropropane	44.8		"	50.0		89.6	76-124		6.03	30	
1,3,5-Trimethylbenzene	52.4		"	50.0		105	78-128		7.46	30	
1,3-Dichlorobenzene	47.1		"	50.0		94.3	81-124		2.58	30	
1,3-Dichloropropane	47.4		"	50.0		94.8	79-125		6.24	30	
1,4-Dichlorobenzene	45.3		"	50.0		90.6	82-124		1.09	30	
2,2-Dichloropropane	60.8		"	50.0		122	61-139		2.99	30	
2-Butanone	60.4		"	50.0		121	44-169		4.94	30	
2-Chlorotoluene	49.8		"	50.0		99.6	74-130		3.37	30	
4-Chlorotoluene	50.7		"	50.0		101	75-127		6.00	30	
Acetone	54.5		"	50.0		109	29-163		13.2	30	
Benzene	52.8		"	50.0		106	72-134		0.0948	30	
Bromobenzene	45.0		"	50.0		89.9	74-129		7.33	30	
Bromochloromethane	55.9		"	50.0		112	69-134		6.53	30	
Bromodichloromethane	51.4		"	50.0		103	76-127		1.96	30	
Bromoform	52.9		"	50.0		106	77-137		5.55	30	
Bromomethane	60.0		"	50.0		120	50-156		5.37	30	
Carbon tetrachloride	64.2		"	50.0		128	62-145		0.939	30	
Chlorobenzene	52.4		"	50.0		105	85-119		1.73	30	
Chloroethane	54.7		"	50.0		109	49-143		3.23	30	
Chloroform	59.1		"	50.0		118	74-131		1.23	30	
Chloromethane	46.2		"	50.0		92.4	43-134		4.18	30	
cis-1,2-Dichloroethylene	51.6		"	50.0		103	73-134		1.60	30	
cis-1,3-Dichloropropylene	50.2		"	50.0		100	77-128		2.12	30	
Dibromochloromethane	53.9		"	50.0		108	79-130		0.316	30	
Dibromomethane	52.6		"	50.0		105	78-128		3.68	30	
Dichlorodifluoromethane	50.6		"	50.0		101	38-139		1.88	30	
Ethyl Benzene	54.0		"	50.0		108	80-129		1.53	30	
Hexachlorobutadiene	53.8		"	50.0		108	72-141		7.47	30	
Isopropylbenzene	49.5		"	50.0		99.1	76-128		3.20	30	
Methyl tert-butyl ether (MTBE)	58.1		"	50.0		116	64-142		0.690	30	
Methylene chloride	59.4		"	50.0		119	56-142		0.0337	30	
Naphthalene	51.7		"	50.0		103	79-144		7.92	30	
n-Butylbenzene	49.5		"	50.0		99.1	74-132		5.05	30	
n-Propylbenzene	50.8		"	50.0		102	72-135		5.88	30	
o-Xylene	54.0		"	50.0		108	81-123		0.669	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50711 - EPA 5030B											
LCS Dup (BF50711-BSD1)								Prepared & Analyzed: 06/15/2015			
p- & m- Xylenes	111		ug/L	100		111	79-130		5.10	30	
p-Isopropyltoluene	47.2		"	50.0		94.3	80-127		2.47	30	
sec-Butylbenzene	50.9		"	50.0		102	78-127		5.53	30	
Styrene	53.6		"	50.0		107	82-124		3.76	30	
tert-Butylbenzene	47.4		"	50.0		94.9	75-131		5.97	30	
Tetrachloroethylene	53.8		"	50.0		108	78-133		4.15	30	
Toluene	53.3		"	50.0		107	83-122		4.71	30	
trans-1,2-Dichloroethylene	58.8		"	50.0		118	59-145		2.85	30	
trans-1,3-Dichloropropylene	51.1		"	50.0		102	74-131		0.314	30	
Trichloroethylene	48.8		"	50.0		97.7	81-125		1.53	30	
Trichlorofluoromethane	61.2		"	50.0		122	61-144		1.91	30	
Vinyl acetate	58.2		"	50.0		116	32-165		4.01	30	
Vinyl Chloride	50.4		"	50.0		101	42-136		0.317	30	
Surrogate: 1,2-Dichloroethane-d4	*54.8*		*"*	*50.0*		*110*	*65-135*				
Surrogate: Toluene-d8	*46.0*		*"*	*50.0*		*92.1*	*86-118*				
Surrogate: p-Bromofluorobenzene	*52.1*		*"*	*50.0*		*104*	*81-114*				
Batch BF50748 - EPA 5035A											
Blank (BF50748-BLK1)								Prepared & Analyzed: 06/16/2015			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								

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 BF50748 - EPA 5035A											
Blank (BF50748-BLK1)											
Prepared & Analyzed: 06/16/2015											
Bromomethane	ND	5.0	ug/kg wet								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*50.2*		*ug/L*	*50.0*		*100*	*77-125*				
Surrogate: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: p-Bromofluorobenzene	*44.6*		*"*	*50.0*		*89.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

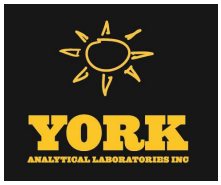
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50748 - EPA 5035A											
LCS (BF50748-BS1)							Prepared & Analyzed: 06/16/2015				
1,1,1,2-Tetrachloroethane	53.3		ug/L	50.0		107	75-129				
1,1,1-Trichloroethane	55.3		"	50.0		111	71-137				
1,1,2,2-Tetrachloroethane	51.3		"	50.0		103	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59.4		"	50.0		119	58-146				
1,1,2-Trichloroethane	52.8		"	50.0		106	83-123				
1,1-Dichloroethane	54.8		"	50.0		110	75-130				
1,1-Dichloroethylene	56.8		"	50.0		114	64-137				
1,1-Dichloropropylene	54.7		"	50.0		109	77-127				
1,2,3-Trichlorobenzene	52.4		"	50.0		105	81-140				
1,2,3-Trichloropropane	52.5		"	50.0		105	81-126				
1,2,4-Trichlorobenzene	53.3		"	50.0		107	80-141				
1,2,4-Trimethylbenzene	52.3		"	50.0		105	84-125				
1,2-Dibromo-3-chloropropane	47.2		"	50.0		94.4	74-142				
1,2-Dibromoethane	52.6		"	50.0		105	86-123				
1,2-Dichlorobenzene	53.5		"	50.0		107	85-122				
1,2-Dichloroethane	52.4		"	50.0		105	71-133				
1,2-Dichloropropane	52.1		"	50.0		104	81-122				
1,3,5-Trimethylbenzene	53.2		"	50.0		106	82-126				
1,3-Dichlorobenzene	52.7		"	50.0		105	84-124				
1,3-Dichloropropane	52.7		"	50.0		105	83-123				
1,4-Dichlorobenzene	53.4		"	50.0		107	84-124				
1,4-Dioxane	958		"	1000		95.8	10-228				
2,2-Dichloropropane	54.3		"	50.0		109	67-136				
2-Butanone	55.1		"	50.0		110	58-147				
2-Chlorotoluene	52.7		"	50.0		105	78-127				
4-Chlorotoluene	52.4		"	50.0		105	79-125				
Acetone	49.0		"	50.0		98.1	36-155				
Benzene	54.7		"	50.0		109	77-127				
Bromobenzene	52.3		"	50.0		105	77-129				
Bromochloromethane	56.4		"	50.0		113	74-129				
Bromodichloromethane	52.8		"	50.0		106	81-124				
Bromoform	51.4		"	50.0		103	80-136				
Bromomethane	61.2		"	50.0		122	32-177				
Carbon tetrachloride	53.9		"	50.0		108	66-143				
Chlorobenzene	53.2		"	50.0		106	86-120				
Chloroethane	57.0		"	50.0		114	51-142				
Chloroform	55.2		"	50.0		110	76-131				
Chloromethane	50.1		"	50.0		100	49-132				
cis-1,2-Dichloroethylene	56.0		"	50.0		112	74-132				
cis-1,3-Dichloropropylene	52.4		"	50.0		105	81-129				
Dibromochloromethane	52.7		"	50.0		105	10-200				
Dibromomethane	51.6		"	50.0		103	83-124				
Dichlorodifluoromethane	42.8		"	50.0		85.7	28-158				
Ethyl Benzene	52.5		"	50.0		105	84-125				
Hexachlorobutadiene	52.2		"	50.0		104	83-133				
Isopropylbenzene	54.0		"	50.0		108	81-127				
Methyl tert-butyl ether (MTBE)	53.3		"	50.0		107	74-131				
Methylene chloride	50.9		"	50.0		102	57-141				
Naphthalene	50.7		"	50.0		101	86-141				
n-Butylbenzene	52.2		"	50.0		104	80-130				
n-Propylbenzene	53.0		"	50.0		106	74-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

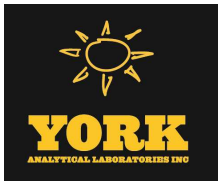
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50748 - EPA 5035A											
LCS (BF50748-BS1)							Prepared & Analyzed: 06/16/2015				
o-Xylene	52.5		ug/L	50.0		105	83-123				
p- & m- Xylenes	105		"	100		105	82-128				
p-Isopropyltoluene	52.4		"	50.0		105	85-125				
sec-Butylbenzene	52.7		"	50.0		105	83-125				
Styrene	53.3		"	50.0		107	86-126				
tert-Butylbenzene	52.8		"	50.0		106	80-127				
Tetrachloroethylene	56.2		"	50.0		112	80-129				
Toluene	53.2		"	50.0		106	85-121				
trans-1,2-Dichloroethylene	55.1		"	50.0		110	72-132				
trans-1,3-Dichloropropylene	52.2		"	50.0		104	78-132				
Trichloroethylene	54.4		"	50.0		109	84-123				
Trichlorofluoromethane	52.6		"	50.0		105	62-140				
Vinyl acetate	50.0		"	50.0		100	67-136				
Vinyl Chloride	52.0		"	50.0		104	52-130				
Surrogate: 1,2-Dichloroethane-d4	*48.1*		*"*	*50.0*		*96.3*	*77-125*				
Surrogate: Toluene-d8	*48.2*		*"*	*50.0*		*96.5*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*76-130*				
LCS Dup (BF50748-BSD1)							Prepared & Analyzed: 06/16/2015				
1,1,1,2-Tetrachloroethane	52.5		ug/L	50.0		105	75-129		1.44	30	
1,1,1-Trichloroethane	54.0		"	50.0		108	71-137		2.36	30	
1,1,2,2-Tetrachloroethane	48.1		"	50.0		96.2	79-129		6.42	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57.7		"	50.0		115	58-146		2.95	30	
1,1,2-Trichloroethane	50.6		"	50.0		101	83-123		4.22	30	
1,1-Dichloroethane	52.4		"	50.0		105	75-130		4.42	30	
1,1-Dichloroethylene	55.1		"	50.0		110	64-137		2.98	30	
1,1-Dichloropropylene	52.8		"	50.0		106	77-127		3.53	30	
1,2,3-Trichlorobenzene	50.9		"	50.0		102	81-140		2.88	30	
1,2,3-Trichloropropane	49.5		"	50.0		99.0	81-126		5.81	30	
1,2,4-Trichlorobenzene	50.0		"	50.0		100	80-141		6.37	30	
1,2,4-Trimethylbenzene	50.0		"	50.0		100	84-125		4.52	30	
1,2-Dibromo-3-chloropropane	49.1		"	50.0		98.2	74-142		3.95	30	
1,2-Dibromoethane	51.0		"	50.0		102	86-123		3.09	30	
1,2-Dichlorobenzene	51.9		"	50.0		104	85-122		3.02	30	
1,2-Dichloroethane	51.6		"	50.0		103	71-133		1.56	30	
1,2-Dichloropropane	50.8		"	50.0		102	81-122		2.47	30	
1,3,5-Trimethylbenzene	51.0		"	50.0		102	82-126		4.24	30	
1,3-Dichlorobenzene	50.0		"	50.0		100	84-124		5.35	30	
1,3-Dichloropropane	50.6		"	50.0		101	83-123		4.11	30	
1,4-Dichlorobenzene	51.8		"	50.0		104	84-124		3.12	30	
1,4-Dioxane	877		"	1000		87.7	10-228		8.79	30	
2,2-Dichloropropane	52.3		"	50.0		105	67-136		3.85	30	
2-Butanone	56.6		"	50.0		113	58-147		2.58	30	
2-Chlorotoluene	49.5		"	50.0		99.0	78-127		6.19	30	
4-Chlorotoluene	49.6		"	50.0		99.3	79-125		5.49	30	
Acetone	54.7		"	50.0		109	36-155		10.9	30	
Benzene	52.7		"	50.0		105	77-127		3.67	30	
Bromobenzene	49.6		"	50.0		99.3	77-129		5.16	30	
Bromochloromethane	54.6		"	50.0		109	74-129		3.17	30	
Bromodichloromethane	50.9		"	50.0		102	81-124		3.66	30	
Bromoform	49.0		"	50.0		98.0	80-136		4.68	30	
Bromomethane	61.6		"	50.0		123	32-177		0.733	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50748 - EPA 5035A											
LCS Dup (BF50748-BSD1)								Prepared & Analyzed: 06/16/2015			
Carbon tetrachloride	52.3		ug/L	50.0		105	66-143		3.09	30	
Chlorobenzene	51.5		"	50.0		103	86-120		3.19	30	
Chloroethane	56.8		"	50.0		114	51-142		0.246	30	
Chloroform	53.0		"	50.0		106	76-131		3.96	30	
Chloromethane	49.7		"	50.0		99.4	49-132		0.762	30	
cis-1,2-Dichloroethylene	54.1		"	50.0		108	74-132		3.54	30	
cis-1,3-Dichloropropylene	50.6		"	50.0		101	81-129		3.49	30	
Dibromochloromethane	51.2		"	50.0		102	10-200		2.94	30	
Dibromomethane	50.7		"	50.0		101	83-124		1.68	30	
Dichlorodifluoromethane	40.5		"	50.0		81.0	28-158		5.69	30	
Ethyl Benzene	51.5		"	50.0		103	84-125		2.00	30	
Hexachlorobutadiene	50.3		"	50.0		101	83-133		3.75	30	
Isopropylbenzene	50.8		"	50.0		102	81-127		6.22	30	
Methyl tert-butyl ether (MTBE)	51.0		"	50.0		102	74-131		4.33	30	
Methylene chloride	49.7		"	50.0		99.4	57-141		2.40	30	
Naphthalene	48.1		"	50.0		96.3	86-141		5.22	30	
n-Butylbenzene	49.8		"	50.0		99.6	80-130		4.59	30	
n-Propylbenzene	50.5		"	50.0		101	74-136		4.81	30	
o-Xylene	51.0		"	50.0		102	83-123		2.86	30	
p- & m- Xylenes	103		"	100		103	82-128		1.52	30	
p-Isopropyltoluene	50.3		"	50.0		101	85-125		4.11	30	
sec-Butylbenzene	50.9		"	50.0		102	83-125		3.55	30	
Styrene	51.3		"	50.0		103	86-126		3.86	30	
tert-Butylbenzene	50.6		"	50.0		101	80-127		4.33	30	
Tetrachloroethylene	54.9		"	50.0		110	80-129		2.43	30	
Toluene	51.2		"	50.0		102	85-121		3.79	30	
trans-1,2-Dichloroethylene	52.6		"	50.0		105	72-132		4.65	30	
trans-1,3-Dichloropropylene	50.2		"	50.0		100	78-132		3.81	30	
Trichloroethylene	51.9		"	50.0		104	84-123		4.74	30	
Trichlorofluoromethane	51.4		"	50.0		103	62-140		2.35	30	
Vinyl acetate	47.4		"	50.0		94.8	67-136		5.42	30	
Vinyl Chloride	51.2		"	50.0		102	52-130		1.67	30	
Surrogate: 1,2-Dichloroethane-d4	*48.6*		*"*	*50.0*		*97.1*	*77-125*				
Surrogate: Toluene-d8	*48.6*		*"*	*50.0*		*97.3*	*85-120*				
Surrogate: p-Bromofluorobenzene	*48.6*		*"*	*50.0*		*97.2*	*76-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

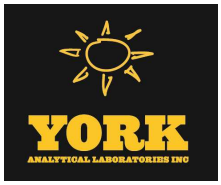
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50672 - EPA 3510C											
Blank (BF50672-BLK1)											
Prepared: 06/15/2015 Analyzed: 06/16/2015											
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
Naphthalene	ND	0.0500	"								
4-Nitroaniline	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

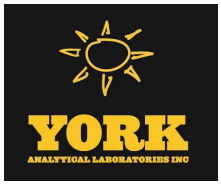
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50672 - EPA 3510C											
Blank (BF50672-BLK1)								Prepared: 06/15/2015 Analyzed: 06/16/2015			
3-Nitroaniline	ND	5.00	ug/L								
2-Nitroaniline	ND	5.00	"								
Nitrobenzene	ND	0.250	"								
4-Nitrophenol	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
Surrogate: 2-Fluorophenol	*11.0*		*"*	*75.0*		*14.7*	*10-65*				
Surrogate: Phenol-d5	*8.03*		*"*	*75.2*		*10.7*	*10-49*				
Surrogate: Nitrobenzene-d5	*17.4*		*"*	*50.1*		*34.6*	*10-96*				
Surrogate: 2-Fluorobiphenyl	*14.2*		*"*	*50.0*		*28.4*	*10-93*				
Surrogate: 2,4,6-Tribromophenol	*30.4*		*"*	*75.0*		*40.5*	*10-128*				
Surrogate: Terphenyl-d14	*17.9*		*"*	*50.2*		*35.7*	*10-100*				
LCS (BF50672-BS1)								Prepared: 06/15/2015 Analyzed: 06/16/2015			
Acenaphthene	16.6	0.0500	ug/L	50.0		33.3	24-114				
Acenaphthylene	17.2	0.0500	"	50.0		34.3	26-112				
Aniline	21.1	5.00	"	50.0		42.2	10-107				
Anthracene	16.9	0.0500	"	50.0		33.8	35-114	Low Bias			
Benzo(a)anthracene	17.6	0.0500	"	50.0		35.2	38-127	Low Bias			
Benzo(a)pyrene	25.2	0.0500	"	50.0		50.4	30-146				
Benzo(b)fluoranthene	24.5	0.0500	"	50.0		49.0	36-145				
Benzo(g,h,i)perylene	39.1	0.0500	"	50.0		78.2	10-163				
Benzo(k)fluoranthene	19.3	0.0500	"	50.0		38.5	16-149				
Benzyl alcohol	14.0	5.00	"	50.0		28.0	18-75				
Benzyl butyl phthalate	17.8	5.00	"	50.0		35.7	28-129				
4-Bromophenyl phenyl ether	17.3	5.00	"	50.0		34.6	38-116	Low Bias			
4-Chloro-3-methylphenol	17.7	5.00	"	50.0		35.4	28-101				
4-Chloroaniline	36.4	5.00	"	50.0		72.8	10-154				
Bis(2-chloroethoxy)methane	19.0	5.00	"	50.0		38.1	27-112				
Bis(2-chloroethyl)ether	16.7	5.00	"	50.0		33.5	24-114				
Bis(2-chloroisopropyl)ether	18.4	5.00	"	50.0		36.7	21-124				
2-Chloronaphthalene	16.3	5.00	"	50.0		32.7	40-96	Low Bias			
2-Chlorophenol	13.5	5.00	"	50.0		27.1	35-84	Low Bias			
4-Chlorophenyl phenyl ether	17.1	5.00	"	50.0		34.2	34-112				
Chrysene	17.9	0.0500	"	50.0		35.8	33-120				
Dibenzo(a,h)anthracene	33.1	0.0500	"	50.0		66.3	10-149				
Dibenzofuran	17.6	5.00	"	50.0		35.1	42-105	Low Bias			
Di-n-butyl phthalate	17.3	5.00	"	50.0		34.5	36-110	Low Bias			
1,4-Dichlorobenzene	13.7	5.00	"	50.0		27.5	42-82	Low Bias			
1,3-Dichlorobenzene	14.0	5.00	"	50.0		28.0	45-80	Low Bias			
1,2-Dichlorobenzene	14.4	5.00	"	50.0		28.7	42-85	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
Batch BF50672 - EPA 3510C											
LCS (BF50672-BS1)								Prepared: 06/15/2015 Analyzed: 06/16/2015			
3,3'-Dichlorobenzidine	29.4	5.00	ug/L	50.0		58.8	25-155				
2,4-Dichlorophenol	15.8	5.00	"	50.0		31.5	43-92	Low Bias			
Diethyl phthalate	18.9	5.00	"	50.0		37.9	38-112	Low Bias			
2,4-Dimethylphenol	13.8	5.00	"	50.0		27.7	25-92				
Dimethyl phthalate	19.8	5.00	"	50.0		39.5	49-106	Low Bias			
4,6-Dinitro-2-methylphenol	25.7	5.00	"	50.0		51.3	10-135				
2,4-Dinitrophenol	34.0	5.00	"	50.0		67.9	10-149				
2,4-Dinitrotoluene	23.1	5.00	"	50.0		46.3	41-114				
2,6-Dinitrotoluene	22.9	5.00	"	50.0		45.8	49-106	Low Bias			
Di-n-octyl phthalate	19.5	5.00	"	50.0		39.1	12-149				
Bis(2-ethylhexyl)phthalate	17.1	0.500	"	50.0		34.2	10-171				
Fluoranthene	18.0	0.0500	"	50.0		36.1	33-126				
Fluorene	17.6	0.0500	"	50.0		35.2	28-117				
Hexachlorobenzene	18.7	0.0200	"	50.0		37.4	27-120				
Hexachlorobutadiene	14.3	0.500	"	50.0		28.6	25-106				
Hexachlorocyclopentadiene	12.5	5.00	"	50.0		25.1	10-99				
Hexachloroethane	14.7	0.500	"	50.0		29.4	33-84	Low Bias			
Indeno(1,2,3-cd)pyrene	32.7	0.0500	"	50.0		65.4	10-150				
Isophorone	17.1	5.00	"	50.0		34.2	29-115				
2-Methylnaphthalene	15.3	5.00	"	50.0		30.6	33-101	Low Bias			
2-Methylphenol	10.7	5.00	"	50.0		21.4	10-90				
3- & 4-Methylphenols	10.2	5.00	"	50.0		20.3	10-101				
Naphthalene	14.9	0.0500	"	50.0		29.7	30-99	Low Bias			
4-Nitroaniline	23.9	5.00	"	50.0		47.9	15-143				
3-Nitroaniline	22.8	5.00	"	50.0		45.7	29-128				
2-Nitroaniline	21.6	5.00	"	50.0		43.2	31-122				
Nitrobenzene	17.4	0.250	"	50.0		34.8	32-113				
4-Nitrophenol	8.36	5.00	"	50.0		16.7	10-112				
2-Nitrophenol	16.1	5.00	"	50.0		32.2	37-97	Low Bias			
N-nitroso-di-n-propylamine	16.2	5.00	"	50.0		32.3	36-118	Low Bias			
N-Nitrosodimethylamine	8.16	0.500	"	50.0		16.3	10-63				
N-Nitrosodiphenylamine	18.0	5.00	"	50.0		36.0	27-145				
Pentachlorophenol	16.2	0.250	"	50.0		32.5	19-127				
Phenanthrene	18.0	0.0500	"	50.0		35.9	31-112				
Phenol	6.35	5.00	"	50.0		12.7	10-37				
Pyrene	17.8	0.0500	"	50.0		35.5	42-125	Low Bias			
Pyridine	5.71	5.00	"	50.0		11.4	10-46				
1,2,4-Trichlorobenzene	14.8	5.00	"	50.0		29.5	35-91	Low Bias			
2,4,5-Trichlorophenol	18.7	5.00	"	50.0		37.4	36-112				
2,4,6-Trichlorophenol	16.6	5.00	"	50.0		33.2	41-107	Low Bias			
Surrogate: 2-Fluorophenol	*10.4*		*"*	*75.0*		*13.9*	*10-65*				
Surrogate: Phenol-d5	*7.81*		*"*	*75.2*		*10.4*	*10-49*				
Surrogate: Nitrobenzene-d5	*16.6*		*"*	*50.1*		*33.1*	*10-96*				
Surrogate: 2-Fluorobiphenyl	*13.1*		*"*	*50.0*		*26.2*	*10-93*				
Surrogate: 2,4,6-Tribromophenol	*25.6*		*"*	*75.0*		*34.1*	*10-128*				
Surrogate: Terphenyl-d14	*15.7*		*"*	*50.2*		*31.3*	*10-100*				



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 BF50672 - EPA 3510C											
LCS Dup (BF50672-BSD1)									Prepared: 06/15/2015 Analyzed: 06/16/2015		
Acenaphthene	18.7	0.0500	ug/L	50.0		37.4	24-114		11.6	20	
Acenaphthylene	18.5	0.0500	"	50.0		36.9	26-112		7.30	20	
Aniline	21.6	5.00	"	50.0		43.3	10-107		2.53	20	
Anthracene	17.4	0.0500	"	50.0		34.8	35-114	Low Bias	3.09	20	
Benzo(a)anthracene	18.4	0.0500	"	50.0		36.7	38-127	Low Bias	4.17	20	
Benzo(a)pyrene	26.4	0.0500	"	50.0		52.9	30-146		4.76	20	
Benzo(b)fluoranthene	25.5	0.0500	"	50.0		51.0	36-145		4.04	20	
Benzo(g,h,i)perylene	39.6	0.0500	"	50.0		79.2	10-163		1.25	20	
Benzo(k)fluoranthene	24.3	0.0500	"	50.0		48.6	16-149		23.2	20	Non-dir.
Benzyl alcohol	15.2	5.00	"	50.0		30.3	18-75		7.88	20	
Benzyl butyl phthalate	18.2	5.00	"	50.0		36.5	28-129		2.27	20	
4-Bromophenyl phenyl ether	18.0	5.00	"	50.0		36.0	38-116	Low Bias	4.03	20	
4-Chloro-3-methylphenol	19.5	5.00	"	50.0		39.1	28-101		9.83	20	
4-Chloroaniline	36.0	5.00	"	50.0		71.9	10-154		1.24	20	
Bis(2-chloroethoxy)methane	20.2	5.00	"	50.0		40.3	27-112		5.66	20	
Bis(2-chloroethyl)ether	17.5	5.00	"	50.0		35.0	24-114		4.61	20	
Bis(2-chloroisopropyl)ether	19.0	5.00	"	50.0		38.1	21-124		3.53	20	
2-Chloronaphthalene	17.6	5.00	"	50.0		35.1	40-96	Low Bias	7.32	20	
2-Chlorophenol	15.7	5.00	"	50.0		31.3	35-84	Low Bias	14.7	20	
4-Chlorophenyl phenyl ether	18.0	5.00	"	50.0		36.0	34-112		5.07	20	
Chrysene	18.6	0.0500	"	50.0		37.3	33-120		4.05	20	
Dibenzo(a,h)anthracene	33.9	0.0500	"	50.0		67.7	10-149		2.21	20	
Dibenzofuran	19.5	5.00	"	50.0		38.9	42-105	Low Bias	10.4	20	
Di-n-butyl phthalate	17.1	5.00	"	50.0		34.2	36-110	Low Bias	0.931	20	
1,4-Dichlorobenzene	14.3	5.00	"	50.0		28.6	42-82	Low Bias	3.99	20	
1,3-Dichlorobenzene	14.8	5.00	"	50.0		29.6	45-80	Low Bias	5.55	20	
1,2-Dichlorobenzene	15.3	5.00	"	50.0		30.6	42-85	Low Bias	6.40	20	
3,3'-Dichlorobenzidine	30.0	5.00	"	50.0		60.1	25-155		2.22	20	
2,4-Dichlorophenol	17.0	5.00	"	50.0		33.9	43-92	Low Bias	7.34	20	
Diethyl phthalate	19.8	5.00	"	50.0		39.6	38-112		4.49	20	
2,4-Dimethylphenol	15.4	5.00	"	50.0		30.7	25-92		10.3	20	
Dimethyl phthalate	21.2	5.00	"	50.0		42.4	49-106	Low Bias	7.03	20	
4,6-Dinitro-2-methylphenol	25.6	5.00	"	50.0		51.3	10-135		0.0779	20	
2,4-Dinitrophenol	38.9	5.00	"	50.0		77.7	10-149		13.5	20	
2,4-Dinitrotoluene	24.9	5.00	"	50.0		49.7	41-114		7.17	20	
2,6-Dinitrotoluene	24.1	5.00	"	50.0		48.2	49-106	Low Bias	5.15	20	
Di-n-octyl phthalate	19.9	5.00	"	50.0		39.9	12-149		2.03	20	
Bis(2-ethylhexyl)phthalate	17.2	0.500	"	50.0		34.4	10-171		0.408	20	
Fluoranthene	18.4	0.0500	"	50.0		36.8	33-126		2.03	20	
Fluorene	18.2	0.0500	"	50.0		36.4	28-117		3.41	20	
Hexachlorobenzene	19.7	0.0200	"	50.0		39.3	27-120		5.11	20	
Hexachlorobutadiene	15.2	0.500	"	50.0		30.4	25-106		6.04	20	
Hexachlorocyclopentadiene	13.7	5.00	"	50.0		27.4	10-99		8.70	20	
Hexachloroethane	15.6	0.500	"	50.0		31.2	33-84	Low Bias	5.93	20	
Indeno(1,2,3-cd)pyrene	33.3	0.0500	"	50.0		66.6	10-150		1.82	20	
Isophorone	18.0	5.00	"	50.0		36.1	29-115		5.24	20	
2-Methylnaphthalene	16.5	5.00	"	50.0		33.0	33-101		7.55	20	
2-Methylphenol	12.7	5.00	"	50.0		25.4	10-90		17.0	20	
3- & 4-Methylphenols	11.8	5.00	"	50.0		23.6	10-101		14.9	20	
Naphthalene	15.8	0.0500	"	50.0		31.7	30-99		6.38	20	
4-Nitroaniline	26.6	5.00	"	50.0		53.2	15-143		10.5	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 BF50672 - EPA 3510C											
LCS Dup (BF50672-BSD1)								Prepared: 06/15/2015 Analyzed: 06/16/2015			
3-Nitroaniline	24.2	5.00	ug/L	50.0		48.3	29-128		5.62	20	
2-Nitroaniline	22.8	5.00	"	50.0		45.5	31-122		5.32	20	
Nitrobenzene	18.4	0.250	"	50.0		36.8	32-113		5.59	20	
4-Nitrophenol	9.45	5.00	"	50.0		18.9	10-112		12.2	20	
2-Nitrophenol	17.4	5.00	"	50.0		34.7	37-97	Low Bias	7.71	20	
N-nitroso-di-n-propylamine	17.2	5.00	"	50.0		34.4	36-118	Low Bias	6.23	20	
N-Nitrosodimethylamine	8.56	0.500	"	50.0		17.1	10-63		4.78	20	
N-Nitrosodiphenylamine	19.3	5.00	"	50.0		38.6	27-145		6.81	20	
Pentachlorophenol	17.4	0.250	"	50.0		34.9	19-127		7.18	20	
Phenanthrene	19.0	0.0500	"	50.0		38.1	31-112		5.84	20	
Phenol	6.87	5.00	"	50.0		13.7	10-37		7.87	20	
Pyrene	18.6	0.0500	"	50.0		37.1	42-125	Low Bias	4.52	20	
Pyridine	5.59	5.00	"	50.0		11.2	10-46		2.12	20	
1,2,4-Trichlorobenzene	15.8	5.00	"	50.0		31.7	35-91	Low Bias	7.06	20	
2,4,5-Trichlorophenol	20.2	5.00	"	50.0		40.4	36-112		7.71	20	
2,4,6-Trichlorophenol	18.1	5.00	"	50.0		36.2	41-107	Low Bias	8.64	20	
Surrogate: 2-Fluorophenol	*12.4*		*"*	*75.0*		*16.5*	*10-65*				
Surrogate: Phenol-d5	*8.61*		*"*	*75.2*		*11.4*	*10-49*				
Surrogate: Nitrobenzene-d5	*17.9*		*"*	*50.1*		*35.7*	*10-96*				
Surrogate: 2-Fluorobiphenyl	*14.6*		*"*	*50.0*		*29.1*	*10-93*				
Surrogate: 2,4,6-Tribromophenol	*27.0*		*"*	*75.0*		*36.0*	*10-128*				
Surrogate: Terphenyl-d14	*16.3*		*"*	*50.2*		*32.4*	*10-100*				
Batch BF50732 - EPA 3550C											
Blank (BF50732-BLK1)								Prepared: 06/16/2015 Analyzed: 06/17/2015			
Acenaphthene	ND	41.7	ug/kg wet								
Acenaphthylene	ND	41.7	"								
Aniline	ND	167	"								
Anthracene	ND	41.7	"								
Benzo(a)anthracene	ND	41.7	"								
Benzo(a)pyrene	ND	41.7	"								
Benzo(b)fluoranthene	ND	41.7	"								
Benzo(g,h,i)perylene	ND	41.7	"								
Benzo(k)fluoranthene	ND	41.7	"								
Benzyl alcohol	ND	41.7	"								
Benzyl butyl phthalate	ND	41.7	"								
4-Bromophenyl phenyl ether	ND	41.7	"								
4-Chloro-3-methylphenol	ND	41.7	"								
4-Chloroaniline	ND	41.7	"								
Bis(2-chloroethoxy)methane	ND	41.7	"								
Bis(2-chloroethyl)ether	ND	41.7	"								
Bis(2-chloroisopropyl)ether	ND	41.7	"								
2-Chloronaphthalene	ND	41.7	"								
2-Chlorophenol	ND	41.7	"								
4-Chlorophenyl phenyl ether	ND	41.7	"								
Chrysene	ND	41.7	"								
Dibenzo(a,h)anthracene	ND	41.7	"								
Dibenzofuran	ND	41.7	"								
Di-n-butyl phthalate	ND	41.7	"								
1,3-Dichlorobenzene	ND	41.7	"								
1,4-Dichlorobenzene	ND	41.7	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

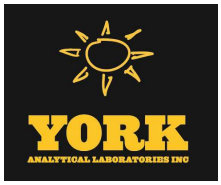
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50732 - EPA 3550C											
Blank (BF50732-BLK1)											
Prepared: 06/16/2015 Analyzed: 06/17/2015											
1,2-Dichlorobenzene	ND	41.7	ug/kg wet								
3,3'-Dichlorobenzidine	ND	41.7	"								
2,4-Dichlorophenol	ND	41.7	"								
Diethyl phthalate	ND	41.7	"								
2,4-Dimethylphenol	ND	41.7	"								
Dimethyl phthalate	ND	41.7	"								
4,6-Dinitro-2-methylphenol	ND	83.3	"								
2,4-Dinitrophenol	ND	83.3	"								
2,4-Dinitrotoluene	ND	41.7	"								
2,6-Dinitrotoluene	ND	41.7	"								
Di-n-octyl phthalate	ND	41.7	"								
Bis(2-ethylhexyl)phthalate	ND	41.7	"								
Fluoranthene	ND	41.7	"								
Fluorene	ND	41.7	"								
Hexachlorobenzene	ND	41.7	"								
Hexachlorobutadiene	ND	41.7	"								
Hexachlorocyclopentadiene	ND	41.7	"								
Hexachloroethane	ND	41.7	"								
Indeno(1,2,3-cd)pyrene	ND	41.7	"								
Isophorone	ND	41.7	"								
2-Methylnaphthalene	ND	41.7	"								
2-Methylphenol	ND	41.7	"								
3- & 4-Methylphenols	ND	41.7	"								
Naphthalene	ND	41.7	"								
3-Nitroaniline	ND	83.3	"								
2-Nitroaniline	ND	83.3	"								
4-Nitroaniline	ND	83.3	"								
Nitrobenzene	ND	41.7	"								
2-Nitrophenol	ND	41.7	"								
4-Nitrophenol	ND	83.3	"								
N-nitroso-di-n-propylamine	ND	41.7	"								
N-Nitrosodimethylamine	ND	41.7	"								
N-Nitrosodiphenylamine	ND	41.7	"								
Pentachlorophenol	ND	41.7	"								
Phenanthrene	ND	41.7	"								
Phenol	ND	41.7	"								
Pyrene	ND	41.7	"								
Pyridine	ND	167	"								
1,2,4-Trichlorobenzene	ND	41.7	"								
2,4,6-Trichlorophenol	ND	41.7	"								
2,4,5-Trichlorophenol	ND	41.7	"								
Surrogate: 2-Fluorophenol	*1410*		*"*	*2510*		*56.4*	*10-95*				
Surrogate: Phenol-d5	*1470*		*"*	*2510*		*58.7*	*10-107*				
Surrogate: Nitrobenzene-d5	*944*		*"*	*1670*		*56.6*	*10-95*				
Surrogate: 2-Fluorobiphenyl	*775*		*"*	*1670*		*46.3*	*10-97*				
Surrogate: 2,4,6-Tribromophenol	*1160*		*"*	*2510*		*46.5*	*10-103*				
Surrogate: Terphenyl-d14	*742*		*"*	*1670*		*44.3*	*19-99*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50732 - EPA 3550C											
LCS (BF50732-BS1)								Prepared & Analyzed: 06/16/2015			
Acenaphthene	1690	83.4	ug/kg wet	1670		101	17-124				
Acenaphthylene	1780	83.4	"	1670		107	16-124				
Aniline	1380	334	"	1670		82.7	10-111				
Anthracene	1880	83.4	"	1670		113	24-124				
Benzo(a)anthracene	1710	83.4	"	1670		103	25-134				
Benzo(a)pyrene	2030	83.4	"	1670		122	29-144				
Benzo(b)fluoranthene	2070	83.4	"	1670		124	20-151				
Benzo(g,h,i)perylene	1860	83.4	"	1670		111	10-153				
Benzo(k)fluoranthene	1750	83.4	"	1670		105	10-148				
Benzyl alcohol	1730	83.4	"	1670		104	17-128				
Benzyl butyl phthalate	2160	83.4	"	1670		130	10-132				
4-Bromophenyl phenyl ether	1770	83.4	"	1670		106	30-138				
4-Chloro-3-methylphenol	1820	83.4	"	1670		109	16-138				
4-Chloroaniline	2330	83.4	"	1670		140	10-117	High Bias			
Bis(2-chloroethoxy)methane	1630	83.4	"	1670		97.8	10-129				
Bis(2-chloroethyl)ether	1640	83.4	"	1670		98.4	14-125				
Bis(2-chloroisopropyl)ether	1860	83.4	"	1670		112	14-122				
2-Chloronaphthalene	1730	83.4	"	1670		104	22-115				
2-Chlorophenol	1510	83.4	"	1670		90.9	25-121				
4-Chlorophenyl phenyl ether	1690	83.4	"	1670		101	18-132				
Chrysene	1900	83.4	"	1670		114	24-116				
Dibenzo(a,h)anthracene	1750	83.4	"	1670		105	17-147				
Dibenzofuran	1770	83.4	"	1670		106	23-123				
Di-n-butyl phthalate	2050	83.4	"	1670		123	19-123				
1,3-Dichlorobenzene	1300	83.4	"	1670		78.3	32-113				
1,4-Dichlorobenzene	1380	83.4	"	1670		82.8	28-111				
1,2-Dichlorobenzene	1470	83.4	"	1670		88.5	26-113				
3,3'-Dichlorobenzidine	2650	83.4	"	1670		159	10-147	High Bias			
2,4-Dichlorophenol	1580	83.4	"	1670		94.8	23-133				
Diethyl phthalate	2060	83.4	"	1670		123	23-122	High Bias			
2,4-Dimethylphenol	1570	83.4	"	1670		94.4	15-131				
Dimethyl phthalate	2080	83.4	"	1670		125	28-127				
4,6-Dinitro-2-methylphenol	1500	167	"	1670		89.8	10-149				
2,4-Dinitrophenol	1720	167	"	1670		103	10-149				
2,4-Dinitrotoluene	2160	83.4	"	1670		130	30-123	High Bias			
2,6-Dinitrotoluene	2310	83.4	"	1670		139	30-125	High Bias			
Di-n-octyl phthalate	2240	83.4	"	1670		134	10-132	High Bias			
Bis(2-ethylhexyl)phthalate	2000	83.4	"	1670		120	10-141				
Fluoranthene	1990	83.4	"	1670		119	36-125				
Fluorene	1770	83.4	"	1670		106	16-130				
Hexachlorobenzene	1800	83.4	"	1670		108	10-129				
Hexachlorobutadiene	1470	83.4	"	1670		88.4	22-153				
Hexachlorocyclopentadiene	1230	83.4	"	1670		73.8	10-134				
Hexachloroethane	1340	83.4	"	1670		80.2	20-112				
Indeno(1,2,3-cd)pyrene	1760	83.4	"	1670		106	10-155				
Isophorone	1760	83.4	"	1670		106	14-131				
2-Methylnaphthalene	1580	83.4	"	1670		94.7	16-127				
2-Methylphenol	1460	83.4	"	1670		87.7	10-146				
3- & 4-Methylphenols	1540	83.4	"	1670		92.4	20-109				
Naphthalene	1470	83.4	"	1670		88.4	20-121				
3-Nitroaniline	2200	167	"	1670		132	23-123	High 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
Batch BF50732 - EPA 3550C											
LCS (BF50732-BS1)							Prepared & Analyzed: 06/16/2015				
2-Nitroaniline	2040	167	ug/kg wet	1670		123	24-126				
4-Nitroaniline	1880	167	"	1670		113	14-125				
Nitrobenzene	1570	83.4	"	1670		94.0	20-121				
2-Nitrophenol	1470	83.4	"	1670		88.5	17-129				
4-Nitrophenol	263	167	"	1670		15.8	10-136				
N-nitroso-di-n-propylamine	1720	83.4	"	1670		103	21-119				
N-Nitrosodimethylamine	1540	83.4	"	1670		92.6	10-124				
N-Nitrosodiphenylamine	1900	83.4	"	1670		114	10-163				
Pentachlorophenol	1600	83.4	"	1670		96.2	10-143				
Phenanthrene	1790	83.4	"	1670		108	24-123				
Phenol	1530	83.4	"	1670		91.5	15-123				
Pyrene	1990	83.4	"	1670		119	24-132				
Pyridine	911	334	"	1670		54.7	10-92				
1,2,4-Trichlorobenzene	1490	83.4	"	1670		89.3	23-130				
2,4,6-Trichlorophenol	1880	83.4	"	1670		113	27-122				
2,4,5-Trichlorophenol	1650	83.4	"	1670		98.9	14-138				
Surrogate: 2-Fluorophenol	*2890*		*"*	*2510*		*115*	*10-95*				
Surrogate: Phenol-d5	*2750*		*"*	*2510*		*110*	*10-107*				
Surrogate: Nitrobenzene-d5	*1950*		*"*	*1670*		*117*	*10-95*				
Surrogate: 2-Fluorobiphenyl	*1840*		*"*	*1670*		*110*	*10-97*				
Surrogate: 2,4,6-Tribromophenol	*2690*		*"*	*2510*		*107*	*30-130*				
Surrogate: Terphenyl-d14	*1920*		*"*	*1670*		*115*	*19-99*				
LCS Dup (BF50732-BSD1)							Prepared & Analyzed: 06/16/2015				
Acenaphthene	1830	83.4	ug/kg wet	1670		110	17-124		7.70	30	
Acenaphthylene	1830	83.4	"	1670		110	16-124		2.44	30	
Aniline	1570	334	"	1670		94.4	10-111		13.3	30	
Anthracene	1780	83.4	"	1670		107	24-124		5.14	30	
Benzo(a)anthracene	1780	83.4	"	1670		107	25-134		3.74	30	
Benzo(a)pyrene	1920	83.4	"	1670		115	29-144		5.50	30	
Benzo(b)fluoranthene	1920	83.4	"	1670		115	20-151		7.43	30	
Benzo(g,h,i)perylene	1920	83.4	"	1670		115	10-153		3.46	30	
Benzo(k)fluoranthene	1800	83.4	"	1670		108	10-148		2.40	30	
Benzyl alcohol	1910	83.4	"	1670		115	17-128		10.1	30	
Benzyl butyl phthalate	1990	83.4	"	1670		119	10-132		8.41	30	
4-Bromophenyl phenyl ether	1790	83.4	"	1670		107	30-138		0.975	30	
4-Chloro-3-methylphenol	1940	83.4	"	1670		116	16-138		6.23	30	
4-Chloroaniline	2470	83.4	"	1670		148	10-117	High Bias	5.86	30	
Bis(2-chloroethoxy)methane	1710	83.4	"	1670		103	10-129		5.10	30	
Bis(2-chloroethyl)ether	1950	83.4	"	1670		117	14-125		17.1	30	
Bis(2-chloroisopropyl)ether	2150	83.4	"	1670		129	14-122	High Bias	14.3	30	
2-Chloronaphthalene	1900	83.4	"	1670		114	22-115		9.62	30	
2-Chlorophenol	1740	83.4	"	1670		104	25-121		13.8	30	
4-Chlorophenyl phenyl ether	1720	83.4	"	1670		103	18-132		2.15	30	
Chrysene	1580	83.4	"	1670		95.0	24-116		18.5	30	
Dibenzo(a,h)anthracene	1780	83.4	"	1670		107	17-147		1.51	30	
Dibenzofuran	1750	83.4	"	1670		105	23-123		1.33	30	
Di-n-butyl phthalate	1940	83.4	"	1670		117	19-123		5.22	30	
1,3-Dichlorobenzene	1620	83.4	"	1670		97.1	32-113		21.4	30	
1,4-Dichlorobenzene	1560	83.4	"	1670		93.3	28-111		11.9	30	
1,2-Dichlorobenzene	1650	83.4	"	1670		98.8	26-113		11.1	30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50732 - EPA 3550C											
LCS Dup (BF50732-BSD1)								Prepared & Analyzed: 06/16/2015			
3,3'-Dichlorobenzidine	2500	83.4	ug/kg wet	1670		150	10-147	High Bias	5.91	30	
2,4-Dichlorophenol	1730	83.4	"	1670		104	23-133		9.26	30	
Diethyl phthalate	2010	83.4	"	1670		120	23-122		2.43	30	
2,4-Dimethylphenol	1640	83.4	"	1670		98.2	15-131		3.94	30	
Dimethyl phthalate	2270	83.4	"	1670		136	28-127	High Bias	8.96	30	
4,6-Dinitro-2-methylphenol	1490	167	"	1670		89.2	10-149		0.670	30	
2,4-Dinitrophenol	1790	167	"	1670		107	10-149		3.76	30	
2,4-Dinitrotoluene	2360	83.4	"	1670		142	30-123	High Bias	8.76	30	
2,6-Dinitrotoluene	2290	83.4	"	1670		137	30-125	High Bias	0.986	30	
Di-n-octyl phthalate	1990	83.4	"	1670		119	10-132		11.9	30	
Bis(2-ethylhexyl)phthalate	1770	83.4	"	1670		106	10-141		12.0	30	
Fluoranthene	1990	83.4	"	1670		119	36-125		0.0670	30	
Fluorene	1800	83.4	"	1670		108	16-130		1.68	30	
Hexachlorobenzene	1760	83.4	"	1670		106	10-129		2.10	30	
Hexachlorobutadiene	1470	83.4	"	1670		88.1	22-153		0.363	30	
Hexachlorocyclopentadiene	1350	83.4	"	1670		80.7	10-134		8.96	30	
Hexachloroethane	1630	83.4	"	1670		97.9	20-112		19.9	30	
Indeno(1,2,3-cd)pyrene	1770	83.4	"	1670		106	10-155		0.340	30	
Isophorone	1940	83.4	"	1670		116	14-131		9.55	30	
2-Methylnaphthalene	1800	83.4	"	1670		108	16-127		13.0	30	
2-Methylphenol	1680	83.4	"	1670		101	10-146		13.6	30	
3- & 4-Methylphenols	1670	83.4	"	1670		100	20-109		8.22	30	
Naphthalene	1640	83.4	"	1670		98.4	20-121		10.7	30	
3-Nitroaniline	2190	167	"	1670		131	23-123	High Bias	0.517	30	
2-Nitroaniline	2030	167	"	1670		122	24-126		0.491	30	
4-Nitroaniline	1870	167	"	1670		112	14-125		0.356	30	
Nitrobenzene	1720	83.4	"	1670		103	20-121		9.64	30	
2-Nitrophenol	1600	83.4	"	1670		95.7	17-129		7.86	30	
4-Nitrophenol	245	167	"	1670		14.7	10-136		7.10	30	
N-nitroso-di-n-propylamine	2030	83.4	"	1670		122	21-119	High Bias	16.7	30	
N-Nitrosodimethylamine	1960	83.4	"	1670		118	10-124		23.8	30	
N-Nitrosodiphenylamine	1950	83.4	"	1670		117	10-163		2.91	30	
Pentachlorophenol	1600	83.4	"	1670		96.2	10-143		0.0415	30	
Phenanthrene	1790	83.4	"	1670		107	24-123		0.260	30	
Phenol	1700	83.4	"	1670		102	15-123		10.7	30	
Pyrene	1950	83.4	"	1670		117	24-132		1.76	30	
Pyridine	1250	334	"	1670		75.0	10-92		31.3	30	Non-dir.
1,2,4-Trichlorobenzene	1560	83.4	"	1670		93.8	23-130		4.94	30	
2,4,6-Trichlorophenol	2070	83.4	"	1670		124	27-122	High Bias	9.84	30	
2,4,5-Trichlorophenol	1890	83.4	"	1670		113	14-138		13.4	30	
Surrogate: 2-Fluorophenol	*2720*		*"*	*2510*		*108*	*10-95*				
Surrogate: Phenol-d5	*2540*		*"*	*2510*		*101*	*10-107*				
Surrogate: Nitrobenzene-d5	*1740*		*"*	*1670*		*105*	*10-95*				
Surrogate: 2-Fluorobiphenyl	*1650*		*"*	*1670*		*98.4*	*10-97*				
Surrogate: 2,4,6-Tribromophenol	*2100*		*"*	*2510*		*83.8*	*30-130*				
Surrogate: Terphenyl-d14	*1650*		*"*	*1670*		*98.7*	*19-99*				

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 BF50697 - EPA 3550C											
Blank (BF50697-BLK1)											Prepared: 06/15/2015 Analyzed: 06/16/2015
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	"								
alpha-Chlordane	ND	0.330	"								
beta-BHC	ND	0.330	"								
Chlordane, total	ND	13.2	"								
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	"								
gamma-Chlordane	ND	0.330	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
Toxaphene	ND	16.7	"								
Surrogate: Tetrachloro-m-xylene	*51.5*		*"*	*67.7*		*76.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*64.5*		*"*	*67.0*		*96.2*	*30-140*				
LCS (BF50697-BS1)											Prepared: 06/15/2015 Analyzed: 06/16/2015
4,4'-DDD	32.4	0.330	ug/kg wet	33.3		97.3	40-140				
4,4'-DDE	27.5	0.330	"	33.3		82.6	40-140				
4,4'-DDT	32.5	0.330	"	33.3		97.4	40-140				
Aldrin	27.4	0.330	"	33.3		82.3	40-140				
alpha-BHC	29.9	0.330	"	33.3		89.6	40-140				
alpha-Chlordane	27.2	0.330	"	33.3		81.5	40-140				
beta-BHC	32.3	0.330	"	33.3		96.8	40-140				
delta-BHC	32.1	0.330	"	33.3		96.3	40-140				
Dieldrin	29.0	0.330	"	33.3		87.1	40-140				
Endosulfan I	30.1	0.330	"	33.3		90.4	40-140				
Endosulfan II	29.6	0.330	"	33.3		88.7	40-140				
Endosulfan sulfate	29.9	0.330	"	33.3		89.8	40-140				
Endrin	31.8	0.330	"	33.3		95.3	40-140				
Endrin aldehyde	28.2	0.330	"	33.3		84.6	40-140				
Endrin ketone	34.4	0.330	"	33.3		103	40-140				
gamma-BHC (Lindane)	30.4	0.330	"	33.3		91.1	40-140				
gamma-Chlordane	27.0	0.330	"	33.3		81.0	40-140				
Heptachlor	25.2	0.330	"	33.3		75.6	40-140				
Heptachlor epoxide	27.0	0.330	"	33.3		80.9	40-140				
Methoxychlor	31.4	1.65	"	33.3		94.3	40-140				
Surrogate: Tetrachloro-m-xylene	*43.8*		*"*	*67.7*		*64.8*	*30-140*				
Surrogate: Decachlorobiphenyl	*59.2*		*"*	*67.0*		*88.3*	*30-140*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50740 - EPA SW846-3510C Low Level											
Blank (BF50740-BLK1)								Prepared & Analyzed: 06/16/2015			
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	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0400	"								
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	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Tetrachloro-m-xylene	*0.0871*		*"*	*0.203*		*42.9*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.106*		*"*	*0.201*		*53.0*	*30-120*				
LCS (BF50740-BS1)								Prepared & Analyzed: 06/16/2015			
4,4'-DDD	0.0836	0.00400	ug/L	0.100		83.6	40-120				
4,4'-DDE	0.0602	0.00400	"	0.100		60.2	40-120				
4,4'-DDT	0.0846	0.00400	"	0.100		84.6	40-120				
Aldrin	0.0651	0.00400	"	0.100		65.1	40-120				
alpha-BHC	0.0773	0.00400	"	0.100		77.3	40-120				
alpha-Chlordane	0.0696	0.00400	"	0.100		69.6	40-120				
beta-BHC	0.0859	0.00400	"	0.100		85.9	40-120				
delta-BHC	0.0719	0.00400	"	0.100		71.9	40-120				
Dieldrin	0.0739	0.00200	"	0.100		73.9	40-120				
Endosulfan I	0.0777	0.00400	"	0.100		77.7	40-120				
Endosulfan II	0.0755	0.00400	"	0.100		75.5	40-120				
Endosulfan sulfate	0.0729	0.00400	"	0.100		72.9	40-120				
Endrin	0.0801	0.00400	"	0.100		80.1	40-120				
Endrin aldehyde	0.0675	0.0100	"	0.100		67.5	40-120				
Endrin ketone	0.0875	0.0100	"	0.100		87.5	40-120				
gamma-BHC (Lindane)	0.0793	0.00400	"	0.100		79.3	40-120				
gamma-Chlordane	0.0675	0.0100	"	0.100		67.5	40-120				
Heptachlor	0.0636	0.00400	"	0.100		63.6	40-120				
Heptachlor epoxide	0.0701	0.00400	"	0.100		70.1	40-120				
Methoxychlor	0.0788	0.00400	"	0.100		78.8	40-120				
Surrogate: Tetrachloro-m-xylene	*0.106*		*"*	*0.203*		*52.3*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.113*		*"*	*0.201*		*56.1*	*30-120*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50740 - EPA SW846-3510C Low Level											
LCS Dup (BF50740-BSD1)								Prepared & Analyzed: 06/16/2015			
4,4'-DDD	0.0829	0.00400	ug/L	0.100		82.9	40-120		0.869	30	
4,4'-DDE	0.0722	0.00400	"	0.100		72.2	40-120		18.1	30	
4,4'-DDT	0.0831	0.00400	"	0.100		83.1	40-120		1.75	30	
Aldrin	0.0646	0.00400	"	0.100		64.6	40-120		0.865	30	
alpha-BHC	0.0773	0.00400	"	0.100		77.3	40-120		0.0427	30	
alpha-Chlordane	0.0690	0.00400	"	0.100		69.0	40-120		0.843	30	
beta-BHC	0.0852	0.00400	"	0.100		85.2	40-120		0.732	30	
delta-BHC	0.0709	0.00400	"	0.100		70.9	40-120		1.38	30	
Dieldrin	0.0732	0.00200	"	0.100		73.2	40-120		0.916	30	
Endosulfan I	0.0769	0.00400	"	0.100		76.9	40-120		1.09	30	
Endosulfan II	0.0731	0.00400	"	0.100		73.1	40-120		3.26	30	
Endosulfan sulfate	0.0720	0.00400	"	0.100		72.0	40-120		1.24	30	
Endrin	0.0789	0.00400	"	0.100		78.9	40-120		1.45	30	
Endrin aldehyde	0.0667	0.0100	"	0.100		66.7	40-120		1.20	30	
Endrin ketone	0.0865	0.0100	"	0.100		86.5	40-120		1.20	30	
gamma-BHC (Lindane)	0.0784	0.00400	"	0.100		78.4	40-120		1.15	30	
gamma-Chlordane	0.0670	0.0100	"	0.100		67.0	40-120		0.784	30	
Heptachlor	0.0629	0.00400	"	0.100		62.9	40-120		1.13	30	
Heptachlor epoxide	0.0695	0.00400	"	0.100		69.5	40-120		0.874	30	
Methoxychlor	0.0773	0.00400	"	0.100		77.3	40-120		1.92	30	
Surrogate: Tetrachloro-m-xylene	*0.105*		*"*	*0.203*		*51.6*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.109*		*"*	*0.201*		*54.1*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50697 - EPA 3550C											
Blank (BF50697-BLK1)								Prepared: 06/15/2015 Analyzed: 06/16/2015			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0653*		*"*	*0.0677*		*96.6*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0580*		*"*	*0.0670*		*86.6*	*30-140*				
LCS (BF50697-BS2)								Prepared: 06/15/2015 Analyzed: 06/16/2015			
Aroclor 1016	0.319	0.0167	mg/kg wet	0.333		95.7	40-130				
Aroclor 1260	0.312	0.0167	"	0.333		93.6	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0583*		*"*	*0.0677*		*86.2*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0523*		*"*	*0.0670*		*78.1*	*30-140*				
LCS Dup (BF50697-BSD2)								Prepared: 06/15/2015 Analyzed: 06/16/2015			
Aroclor 1016	0.355	0.0167	mg/kg wet	0.333		107	40-130		10.8	25	
Aroclor 1260	0.344	0.0167	"	0.333		103	40-130		9.64	25	
Surrogate: Tetrachloro-m-xylene	*0.0787*		*"*	*0.0677*		*116*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0720*		*"*	*0.0670*		*107*	*30-140*				
Batch BF50740 - EPA SW846-3510C Low Level											
Blank (BF50740-BLK1)								Prepared & Analyzed: 06/16/2015			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.122*		*"*	*0.203*		*60.1*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.167*		*"*	*0.201*		*83.1*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50740 - EPA SW846-3510C Low Level											
LCS (BF50740-BS2)							Prepared & Analyzed: 06/16/2015				
Aroclor 1016	1.05	0.0500	ug/L	1.00		105	40-120				
Aroclor 1260	1.11	0.0500	"	1.00		111	40-120				
Surrogate: Tetrachloro-m-xylene	*0.143*		*"*	*0.203*		*70.4*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.174*		*"*	*0.201*		*86.6*	*30-120*				
LCS Dup (BF50740-BSD2)							Prepared & Analyzed: 06/16/2015				
Aroclor 1016	1.07	0.0500	ug/L	1.00		107	40-120		1.91	30	
Aroclor 1260	1.13	0.0500	"	1.00		113	40-120		1.68	30	
Surrogate: Tetrachloro-m-xylene	*0.140*		*"*	*0.203*		*69.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.177*		*"*	*0.201*		*88.1*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50700 - EPA 3010A											
Blank (BF50700-BLK1)											Prepared & Analyzed: 06/15/2015
Aluminum	ND	0.050	mg/L								
Antimony	ND	0.005	"								
Arsenic	ND	0.004	"								
Barium	ND	0.010	"								
Beryllium	ND	0.001	"								
Cadmium	ND	0.003	"								
Calcium	ND	0.050	"								
Chromium	ND	0.005	"								
Cobalt	ND	0.005	"								
Copper	ND	0.003	"								
Iron	ND	0.020	"								
Lead	ND	0.003	"								
Magnesium	ND	0.050	"								
Manganese	ND	0.005	"								
Nickel	ND	0.005	"								
Potassium	ND	0.050	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								
Sodium	ND	0.100	"								
Thallium	ND	0.005	"								
Vanadium	ND	0.010	"								
Zinc	ND	0.010	"								
Reference (BF50700-SRM1)											Prepared & Analyzed: 06/15/2015
Aluminum	0.454	0.050	mg/L	0.463		98.0	78.8-122				
Antimony	0.361	0.005	"	0.444		81.2	80.1-117				
Arsenic	0.213	0.004	"	0.243		87.6	80.7-119				
Barium	1.43	0.010	"	1.39		103	84.9-115				
Beryllium	0.103	0.001	"	0.107		95.9	85-115				
Cadmium	0.250	0.003	"	0.291		85.8	84.9-115				
Chromium	0.288	0.005	"	0.291		99.0	84.9-115				
Cobalt	0.679	0.005	"	0.675		101	85-115				
Copper	0.687	0.003	"	0.712		96.4	85-115				
Iron	0.321	0.020	"	0.354		90.7	85-115				
Lead	0.474	0.003	"	0.548		86.5	85-115				
Manganese	0.463	0.005	"	0.463		100	85.1-115				
Nickel	1.10	0.005	"	1.19		92.1	88.2-113				
Selenium	0.534	0.010	"	0.620		86.1	85-115				
Silver	0.513	0.005	"	0.520		98.7	85-115				
Thallium	0.251	0.005	"	0.289		86.7	80.3-118				
Vanadium	1.50	0.010	"	1.59		94.4	84.9-115				
Zinc	1.18	0.010	"	1.24		95.3	84.7-115				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50700 - EPA 3010A											
Reference (BF50700-SRM2)								Prepared & Analyzed: 06/15/2015			
Calcium	44.8	0.050	mg/L	44.2		101	86-114				
Magnesium	91.7	0.050	"	90.7		101	86-114				
Potassium	63.0	0.050	"	60.9		103	84.9-115				
Sodium	74.4	0.100	"	73.8		101	85-115				
Batch BF50771 - EPA 3050B											
Blank (BF50771-BLK1)								Prepared: 06/16/2015 Analyzed: 06/17/2015			
Aluminum	ND	5.00	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	13.7	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.00	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50771 - EPA 3050B											
Reference (BF50771-SRM1)											Prepared: 06/16/2015 Analyzed: 06/17/2015
Aluminum	6980	5.00	mg/kg wet	8740		79.9	41.6-158				
Antimony	110	0.500	"	108		102	23-255				
Arsenic	130	1.00	"	151		86.3	70.9-130				
Barium	270	1.00	"	262		103	73.7-126				
Beryllium	135	0.100	"	133		101	75.1-125				
Cadmium	138	0.300	"	152		90.5	73-126				
Calcium	6320	5.00	"	6400		98.8	73.9-126				
Chromium	118	0.500	"	117		101	69.7-130				
Cobalt	72.2	0.500	"	68.7		105	74.4-126				
Copper	75.7	0.500	"	68.6		110	73.2-129				
Iron	11000	2.00	"	12300		89.1	30.5-170				
Lead	218	0.300	"	254		86.0	75.6-125				
Magnesium	3300	5.00	"	3600		91.7	68.3-132				
Manganese	565	0.500	"	563		100	77.4-123				
Nickel	334	0.500	"	315		106	74.3-127				
Potassium	2760	5.00	"	3040		90.6	62.5-137				
Selenium	144	1.00	"	162		88.7	67.3-132				
Silver	43.0	0.500	"	44.3		97.0	66.4-124				
Sodium	783	10.0	"	746		105	56.8-143				
Thallium	208	1.00	"	259		80.2	69.5-131				
Vanadium	116	1.00	"	116		100	67.5-132				
Zinc	306	1.00	"	306		100	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 BF50731 - EPA 7473 soil											
Blank (BF50731-BLK1)								Prepared & Analyzed: 06/16/2015			
Mercury	ND	0.0300	mg/kg wet								
Reference (BF50731-SRM1)								Prepared & Analyzed: 06/16/2015			
Mercury	4.7934		mg/kg	5.76		83.2	71.2-129				
Batch BF50815 - EPA 7473 water											
Blank (BF50815-BLK1)								Prepared & Analyzed: 06/17/2015			
Mercury	ND	0.00020	mg/L								
Duplicate (BF50815-DUP1)	*Source sample: 15F0487-07 (Field Blank)							Prepared & Analyzed: 06/17/2015			
Mercury	ND	0.00020	mg/L		ND					20	
Matrix Spike (BF50815-MS1)	*Source sample: 15F0487-07 (Field Blank)							Prepared & Analyzed: 06/17/2015			
Mercury	0.00228		mg/kg	0.00200	ND	114	75-125				
Reference (BF50815-SRM1)								Prepared & Analyzed: 06/17/2015			
Mercury	0.00261		mg/kg	0.00230		114	61.3-135				

Miscellaneous Physical 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 BF50688 - % Solids Prep											
Duplicate (BF50688-DUP1)	*Source sample: 15F0487-03 (SP-3 (0-2'))								Prepared & Analyzed: 06/15/2015		
% Solids	91.4	0.100	%		94.4				3.18	20	
Batch BF50689 - % Solids Prep											
Duplicate (BF50689-DUP1)	*Source sample: 15F0487-06 (SP-4 (10-12'))								Prepared & Analyzed: 06/15/2015		
% Solids	80.8	0.100	%		81.1				0.305	20	

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 BF50691 - Analysis Preparation											
Blank (BF50691-BLK1)								Prepared & Analyzed: 06/12/2015			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BF50691-BS1)								Prepared & Analyzed: 06/12/2015			
Chromium, Hexavalent	0.582	0.0100	mg/L	0.500		116	80-120				
Duplicate (BF50691-DUP1)	*Source sample: 15F0487-07 (Field Blank)							Prepared & Analyzed: 06/12/2015			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BF50691-MS1)	*Source sample: 15F0487-07 (Field Blank)							Prepared & Analyzed: 06/12/2015			
Chromium, Hexavalent	0.575	0.0100	mg/L	0.500	ND	115	75-125				
Batch BF50883 - EPA SW846-3060											
Blank (BF50883-BLK1)								Prepared & Analyzed: 06/18/2015			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BF50883-SRM1)								Prepared & Analyzed: 06/18/2015			
Chromium, Hexavalent	58.6		mg/L	97.4		60.2	26.6-178				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15F0487-01	SP-1 (0-2')	40mL Vial with Stir Bar-Cool 4° C
15F0487-02	SP-1 (10-12')	40mL Vial with Stir Bar-Cool 4° C
15F0487-03	SP-3 (0-2')	40mL Vial with Stir Bar-Cool 4° C
15F0487-04	SP-3 (10-12')	40mL Vial with Stir Bar-Cool 4° C
15F0487-05	SP-4 (0-2')	40mL Vial with Stir Bar-Cool 4° C
15F0487-06	SP-4 (10-12')	40mL Vial with Stir Bar-Cool 4° C
15F0487-07	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
M-DB	Analyte in Method Blank >MDL. Sample conc. >10 X blank conc.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-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.

---

*	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.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 15F0487

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Hydro Tech Env Corp	SAME [X]	SAME [ ]	#150133 200 East 135th Street Bronx, NY	RUSH-Same Day	Summary Report X
Address: 15 Ocean Ave, 2nd Floor	Name:	Name: Muslima Ward		RUSH-Next Day	QA Report X
Brooklyn NY 11225	Company:	Company: Hydro Tech Env	**Purchase Order #**	RUSH-Two Day	CT RCP
Phone.: (718) 636-0800	Address:	Address: 77 Arkay Drive Suite G	5880	RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Morgan Violette		Hauppauge, NY 11788		RUSH-Four Day X	NY ASP A Package
E-mail: mviolette@hydrotechenvironmental.com	E-mail:	E-mail mward@hydrotechenvir	Samples from CT__NY_X_NJ__	Standard (5-7day)	NY ASP B Package
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS X
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to: NYSDEC Part 375 Unrestricted SCO - Residential SCO
					OTHER:

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

Adriana Zapata A.
Samples Collected/Authorized By (Signature)

Adriana Zapata
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
SP-1 (0-2')	6/11/15 @ 0920	S	EPA 8260, 8270, 8081/8082, TAL metals, Chromium hexavalent & trivalent	1 TerraCore set, 1 8oz clear jar
SP-1 (10-12')	6/11/15 @ 0930	S	"	1 TerraCore set, 1 8oz clear jar
SP-3 (0-2')	6/11/15 @ 0915	S	"	1 TerraCore set, 1 8oz clear jar
SP-3 (10-12')	6/11/15 @ 0925	S	"	1 TerraCore set, 1 8oz clear jar
SP-4 (0-2')	6/11/15 @ 1130	S	"	"
SP-4 (10-12')	6/11/15 @ 1300	S	"	"
Field Blank	6/11/2015	FB	"	

Comments:

E designation
Please have results in 4-6 days as per Hydro Tech agreement

Special Instructions
Field Filtered ☐

Preservation (check all applicable)

4°C ____ Frozen ____ HCl ____ MeOH ____ HNO_3 ____ H_2SO_4 ____ NaOH ____
ZnAc ____ Ascorbic Acid ____ Other ____

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temp on R
	6/12/15 1245pm	K N-14	6-12-15 1628	4.2

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Morgan Violette

Report Date: 06/16/2015
Client Project ID: #150133 200 East 135th Street Bronx, NY
York Project (SDG) No.: 15F0434

Report Date: 06/16/2015
Client Project ID: #150133 200 East 135th Street Bronx, NY
York Project (SDG) No.: 15F0434

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Morgan Violette

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 June 11, 2015 and listed below. The project was identified as your project: **#150133 200 East 135th Street Bronx, NY**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
15F0434-01	SP-2 (0-2')	Soil	06/10/2015	06/11/2015
15F0434-02	SP-2 (10-12')	Soil	06/10/2015	06/11/2015
15F0434-03	SP-5 (0-2')	Soil	06/10/2015	06/11/2015
15F0434-04	SP-5 (10-12')	Soil	06/10/2015	06/11/2015
15F0434-05	SP-6 (0-2')	Soil	06/10/2015	06/11/2015
15F0434-06	SP-6 (10-12')	Soil	06/10/2015	06/11/2015

General Notes for York Project (SDG) No.: 15F0434

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

Approved By: 

Date: 06/16/2015

Benjamin Gulizia
Laboratory Director

Sample Information

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

York Sample ID: 15F0434-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:55 am	06/11/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 NELAC-NY10854,NJDEP	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 NELAC-NY10854,NJDEP	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 NELAC-NY10854,NJDEP	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 NELAC-NY10854,NJDEP	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 NELAC-NY10854,NJDEP	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 NELAC-NY10854,NJDEP	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 NELAC-NY10854,NJDEP	BK

Sample Information

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

York Sample ID: 15F0434-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:55 am	06/11/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK
67-64-1	Acetone	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 NELAC-NY10854,NJDEP	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 NELAC-NY10854,NJDEP	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 NELAC-NY10854,NJDEP,PADEP	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 NELAC-NY10854,NJDEP	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 NELAC-NY10854,NJDEP	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 NELAC-NY10854,NJDEP	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK

Sample Information

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

York Sample ID: 15F0434-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:55 am	06/11/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 NELAC-NY10854,NJDEP	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK
100-42-5	Styrene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 NELAC-NY10854,NJDEP	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 17:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.6 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Information

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

York Sample ID: 15F0434-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:55 am	06/11/2015

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**	**186**		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	181	363	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**401**		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	**Benzo(a)anthracene**	**877**		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**651**		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**540**		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**244**		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**671**		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**889**		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**137**		ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**69.5**	J	ug/kg dry	45.4	90.5	2	EPA 8270D	06/12/2015 06:50	06/12/2015 22:02	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

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

York Sample ID: 15F0434-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:55 am	06/11/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 NELAC-NY10854	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 NELAC-NY10854	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 NELAC-NY10854	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 NELAC-NY10854,NJDEP,PADEP	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	90.5	181	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	90.5	181	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**73.1**	J	ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
206-44-0	**Fluoranthene**	**1750**		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
86-73-7	**Fluorene**	**147**		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 NELAC-NY10854,NJDEP,PADEP	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**271**		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
78-59-1	Isophorone	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR

Sample Information

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

York Sample ID: 15F0434-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:55 am	06/11/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP	SR
91-20-3	**Naphthalene**	**53.6**	J	ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.5	181	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	90.5	181	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.5	181	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.5	181	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
85-01-8	**Phenanthrene**	**1410**		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
108-95-2	Phenol	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
129-00-0	**Pyrene**	**1700**		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
110-86-1	Pyridine	ND		ug/kg dry	181	363	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 22:02 CTDOH,NELAC-NY10854,NJDEP	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*30.1 %*	*10-95*
4165-62-2	*Surrogate: Phenol-d5*	*36.1 %*	*10-107*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*26.3 %*	*10-95*

Sample Information

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

York Sample ID: 15F0434-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:55 am	06/11/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*31.5 %*			*10-97*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*34.6 %*			*10-103*						
1718-51-0	*Surrogate: Terphenyl-d14*	*34.7 %*			*19-99*						

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	1.79	1.79	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 12:58 NELAC-NY10854,NJDEP	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	71.7	71.7	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	AMC
60-57-1	Dieldrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	AMC
72-20-8	Endrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 12:58 CTDOH,NELAC-NY10854,NJDEP	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	AMC
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 12:58 NELAC-NY10854,NJDEP	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 12:58 CTDOH,NELAC-NY10854,NJDEP,PADEP	AMC

Sample Information

Client Sample ID: SP-2 (0-2') **York Sample ID:** 15F0434-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:55 am	06/11/2015

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	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 12:58	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	8.96	8.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 12:58	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	90.7	90.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 11:25	06/15/2015 12:58	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.3 %*	*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 13:49	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 13:49	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 13:49	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 13:49	AMC
12672-29-6	**Aroclor 1248**	**0.117**		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 13:49	AMC
11097-69-1	**Aroclor 1254**	**0.250**		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 13:49	AMC
11096-82-5	**Aroclor 1260**	**0.0673**		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 13:49	AMC
1336-36-3	*** Total PCBs**	**0.434**		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications:	06/12/2015 11:25	06/15/2015 13:49	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.4 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.6 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9060**		mg/kg dry	5.43	5.43	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 12:28	06/15/2015 20:02	ALD
7440-36-0	**Antimony**	**1.10**		mg/kg dry	0.543	0.543	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 12:28	06/15/2015 20:02	ALD

Sample Information

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

York Sample ID: 15F0434-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:55 am	06/11/2015

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
7440-38-2	**Arsenic**	**3.56**		mg/kg dry	1.09	1.09	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:02	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**245**		mg/kg dry	1.09	1.09	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:02	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.109	0.109	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:02	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-43-9	**Cadmium**	**0.642**		mg/kg dry	0.326	0.326	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:02	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**20500**		mg/kg dry	0.543	5.43	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:02	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-47-3	**Chromium**	**24.4**		mg/kg dry	0.543	0.543	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:02	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.29**		mg/kg dry	0.543	0.543	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:02	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-50-8	**Copper**	**158**		mg/kg dry	0.543	0.543	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:02	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-89-6	**Iron**	**18200**		mg/kg dry	2.17	2.17	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:02	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-92-1	**Lead**	**313**		mg/kg dry	0.326	0.326	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:02	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**7740**		mg/kg dry	5.43	5.43	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:02	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-96-5	**Manganese**	**275**		mg/kg dry	0.543	0.543	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:02	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-02-0	**Nickel**	**22.3**		mg/kg dry	0.543	0.543	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:02	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1660**		mg/kg dry	5.43	5.43	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:02	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7782-49-2	**Selenium**	**1.12**		mg/kg dry	1.09	1.09	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:02	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.543	0.543	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:02	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**291**		mg/kg dry	10.9	10.9	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:02	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:02	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	**Vanadium**	**29.2**		mg/kg dry	1.09	1.09	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:02	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**302**		mg/kg dry	1.09	1.09	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:02	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SP-2 (0-2') **York Sample ID:** 15F0434-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:55 am	06/11/2015

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**	**0.278**		mg/kg dry	0.0326	0.0326	1	EPA 7473	06/12/2015 05:54	06/12/2015 12:59	ALD
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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**	**92.1**		%	0.100	0.100	1	SM 2540G	06/12/2015 09:45	06/12/2015 14:22	SCA
								Certifications: CTDOH			

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	0.380	0.543	1	EPA 7196A	06/16/2015 07:38	06/16/2015 13:43	SC
								Certifications: NJDEP,CTDOH,NELAC-NY10854			

Chromium, Trivalent **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
16065-83-1	*** Chromium, Trivalent**	**24.4**		mg/kg	0.250	0.500	1	Calculation	06/16/2015 13:44	06/16/2015 13:48	SC
								Certifications:			

Sample Information

Client Sample ID: SP-2 (10-12') **York Sample ID:** 15F0434-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:15 am	06/11/2015

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/12/2015 09:12	06/12/2015 18:02	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/12/2015 09:12	06/12/2015 18:02	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C	06/12/2015 09:12	06/12/2015 18:02	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SP-2 (10-12')

York Sample ID: 15F0434-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:15 am	06/11/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 CTDOH,NELAC-NY10854,NJDEP	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 NELAC-NY10854,NJDEP	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 NELAC-NY10854,NJDEP	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 NELAC-NY10854,NJDEP	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 NELAC-NY10854,NJDEP	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 CTDOH,NELAC-NY10854,NJDEP	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 CTDOH,NELAC-NY10854,NJDEP	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 CTDOH,NELAC-NY10854,NJDEP	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 CTDOH,NELAC-NY10854,NJDEP	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 CTDOH,NELAC-NY10854,NJDEP	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 NELAC-NY10854,NJDEP	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 NELAC-NY10854,NJDEP	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 NELAC-NY10854,NJDEP	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 CTDOH,NELAC-NY10854,NJDEP	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 CTDOH,NELAC-NY10854,NJDEP	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:02 CTDOH,NELAC-NY10854,NJDEP	BK

Sample Information

Client Sample ID: SP-2 (10-12')

York Sample ID: 15F0434-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:15 am	06/11/2015

Log-in Notes:

Sample Notes:

Volatile Organics, 8260 List

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
67-64-1	Acetone	ND	SCAL-E	ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:02	BK
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:02	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:02	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:02	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:02	BK
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:02	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:02	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:02	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:02	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:02	BK
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:02	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:02	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:02	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:02	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:02	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:02	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:02	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:02	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:02	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:02	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:02	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:02	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.6	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:02	BK

Sample Information

Client Sample ID: SP-2 (10-12') **York Sample ID:** 15F0434-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:15 am	06/11/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 18:02	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 18:02	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854	06/12/2015 18:02	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854	06/12/2015 18:02	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 18:02	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 18:02	BK
100-42-5	Styrene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 18:02	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 18:02	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 18:02	BK
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 18:02	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 18:02	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 18:02	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 18:02	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 18:02	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12 NELAC-NY10854,NJDEP	06/12/2015 18:02	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 18:02	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 18:02	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*97.0 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*76-130*

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**247**		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:41	SR

Sample Information

Client Sample ID: SP-2 (10-12')

York Sample ID: 15F0434-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:15 am	06/11/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	**Acenaphthylene**	**84.4**	J	ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/kg dry	190	381	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**573**		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	**Benzo(a)anthracene**	**1580**		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**765**		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**709**		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**612**		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**831**		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**1950**		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**218**		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**128**		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.7	95.1	2	EPA 8270D	06/12/2015 06:50	06/12/2015 23:41	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SP-2 (10-12')

York Sample ID: 15F0434-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:15 am	06/11/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854	06/12/2015 06:50	06/12/2015 23:41	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854	06/12/2015 06:50	06/12/2015 23:41	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854	06/12/2015 06:50	06/12/2015 23:41	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 06:50	06/12/2015 23:41	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
206-44-0	**Fluoranthene**	**3270**		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
86-73-7	**Fluorene**	**210**		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**517**		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
78-59-1	Isophorone	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 06:50	06/12/2015 23:41	SR

Sample Information

Client Sample ID: SP-2 (10-12')

York Sample ID: 15F0434-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:15 am	06/11/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 06:50	06/12/2015 23:41	SR
91-20-3	**Naphthalene**	**172**		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 06:50	06/12/2015 23:41	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 06:50	06/12/2015 23:41	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 06:50	06/12/2015 23:41	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
85-01-8	**Phenanthrene**	**3080**		ug/kg dry	119	238	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/14/2015 12:11	KH
108-95-2	Phenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
129-00-0	**Pyrene**	**3640**		ug/kg dry	119	238	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/14/2015 12:11	KH
110-86-1	Pyridine	ND		ug/kg dry	190	381	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/12/2015 23:41	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 06:50	06/12/2015 23:41	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*65.9 %*	*10-95*
4165-62-2	*Surrogate: Phenol-d5*	*78.7 %*	*10-107*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*58.1 %*	*10-95*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*69.5 %*	*10-97*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*80.2 %*	*10-103*

Sample Information

Client Sample ID: SP-2 (10-12')

York Sample ID: 15F0434-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:15 am	06/11/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	*Surrogate: Terphenyl-d14*	*87.6 %*			*19-99*						

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	1.88	1.88	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 13:13	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
72-55-9	4,4'-DDE	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 13:13	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
50-29-3	4,4'-DDT	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 13:13	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
309-00-2	Aldrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 13:13	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 13:13	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 13:13	AMC NELAC-NY10854,NJDEP
319-85-7	beta-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 13:13	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
57-74-9	Chlordane, total	ND		ug/kg dry	75.3	75.3	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 13:13	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
319-86-8	delta-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 13:13	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
60-57-1	Dieldrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 13:13	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 13:13	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
33213-65-9	Endosulfan II	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 13:13	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 13:13	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
72-20-8	Endrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 13:13	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 13:13	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 13:13	AMC CTDOH,NELAC-NY10854,NJDEP
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 13:13	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 13:13	AMC NELAC-NY10854,NJDEP
76-44-8	Heptachlor	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 13:13	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications:	06/12/2015 11:25	06/15/2015 13:13	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: SP-2 (10-12')

York Sample ID: 15F0434-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:15 am	06/11/2015

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
72-43-5	Methoxychlor	ND		ug/kg dry	9.41	9.41	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 13:13	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	95.2	95.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 11:25	06/15/2015 13:13	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.7 %*	*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 14:18	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 14:18	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 14:18	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 14:18	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 14:18	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 14:18	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 14:18	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	06/12/2015 11:25	06/15/2015 14:18	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.1 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4950**		mg/kg dry	5.70	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 12:28	06/15/2015 20:07	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 12:28	06/15/2015 20:07	ALD
7440-38-2	**Arsenic**	**1.38**		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 12:28	06/15/2015 20:07	ALD

Sample Information

Client Sample ID: SP-2 (10-12')

York Sample ID: 15F0434-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:15 am	06/11/2015

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
7440-39-3	**Barium**	**38.4**		mg/kg dry	1.14	1.14	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.342	0.342	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1420**		mg/kg dry	0.570	5.70	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-47-3	**Chromium**	**12.9**		mg/kg dry	0.570	0.570	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**14.0**		mg/kg dry	0.570	0.570	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-50-8	**Copper**	**23.8**		mg/kg dry	0.570	0.570	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-89-6	**Iron**	**22600**		mg/kg dry	2.28	2.28	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-92-1	**Lead**	**19.1**		mg/kg dry	0.342	0.342	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1970**		mg/kg dry	5.70	5.70	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-96-5	**Manganese**	**1030**		mg/kg dry	0.570	0.570	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-02-0	**Nickel**	**44.3**		mg/kg dry	0.570	0.570	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1060**		mg/kg dry	5.70	5.70	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7782-49-2	**Selenium**	**4.44**		mg/kg dry	1.14	1.14	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.570	0.570	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**211**		mg/kg dry	11.4	11.4	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	**Vanadium**	**21.6**		mg/kg dry	1.14	1.14	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**103**		mg/kg dry	1.14	1.14	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:07	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

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

Sample Information

Client Sample ID: SP-2 (10-12') **York Sample ID:** 15F0434-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:15 am	06/11/2015

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**	**0.167**		mg/kg dry	0.0342	0.0342	1	EPA 7473	06/12/2015 05:54	06/12/2015 13:09	ALD
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.7**		%	0.100	0.100	1	SM 2540G	06/12/2015 09:45	06/12/2015 14:22	SCA
								Certifications: CTDOH			

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	0.399	0.570	1	EPA 7196A	06/16/2015 07:38	06/16/2015 13:43	SC
								Certifications: NJDEP,CTDOH,NELAC-NY10854			

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**12.9**		mg/kg	0.250	0.500	1	Calculation	06/16/2015 13:44	06/16/2015 13:48	SC
								Certifications:			

Sample Information

Client Sample ID: SP-5 (0-2') **York Sample ID:** 15F0434-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:30 am	06/11/2015

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	06/12/2015 09:12	06/12/2015 18:38	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	06/12/2015 09:12	06/12/2015 18:38	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

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

York Sample ID: 15F0434-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:30 am	06/11/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:38	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:38	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:38	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:38	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:38	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:38	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:38	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:38	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:38	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:38	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:38	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:38	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:38	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:38	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:38	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:38	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:38	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:38	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 18:38	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:38	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:38	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:38	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:38	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 18:38	BK

Sample Information

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

York Sample ID: 15F0434-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:30 am	06/11/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 CTDOH,NELAC-NY10854,NJDEP	BK
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-86-1	Bromobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 NELAC-NY10854,NJDEP	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 NELAC-NY10854,NJDEP	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 CTDOH,NELAC-NY10854,NJDEP	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 NELAC-NY10854,NJDEP,PADEP	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 NELAC-NY10854,NJDEP	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 NELAC-NY10854,NJDEP	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 NELAC-NY10854,NJDEP	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 CTDOH,NELAC-NY10854,NJDEP	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 CTDOH,NELAC-NY10854,NJDEP	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.5	10	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 NELAC-NY10854,NJDEP	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 18:38 CTDOH,NELAC-NY10854,NJDEP	BK

Sample Information

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

York Sample ID: 15F0434-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:30 am	06/11/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 18:38	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854	06/12/2015 18:38	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854	06/12/2015 18:38	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 18:38	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 18:38	BK
100-42-5	Styrene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 18:38	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 18:38	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 18:38	BK
108-88-3	Toluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 18:38	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 18:38	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 18:38	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 18:38	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 18:38	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12 NELAC-NY10854,NJDEP	06/12/2015 18:38	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 18:38	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 18:38	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*99.1 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*76-130*

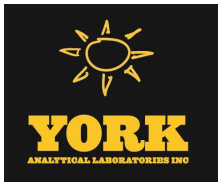
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:14	SR
208-96-8	**Acenaphthylene**	**529**		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:14	SR



Sample Information

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

York Sample ID: 15F0434-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:30 am	06/11/2015

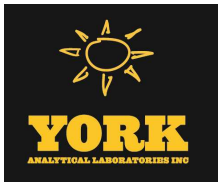
Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/kg dry	183	365	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
120-12-7	**Anthracene**	**343**		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
56-55-3	**Benzo(a)anthracene**	**2180**		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
50-32-8	**Benzo(a)pyrene**	**970**		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
205-99-2	**Benzo(b)fluoranthene**	**1240**		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
191-24-2	**Benzo(g,h,i)perylene**	**635**		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
207-08-9	**Benzo(k)fluoranthene**	**1210**		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
218-01-9	**Chrysene**	**2570**		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
53-70-3	**Dibenzo(a,h)anthracene**	**226**		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
132-64-9	**Dibenzofuran**	**91.1**	J	ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 06:50	06/13/2015 00:14	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854	06/12/2015 06:50	06/13/2015 00:14	SR



Sample Information

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

York Sample ID: 15F0434-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:30 am	06/11/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854	06/12/2015 06:50	06/13/2015 00:14	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854	06/12/2015 06:50	06/13/2015 00:14	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 06:50	06/13/2015 00:14	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**157**		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
206-44-0	**Fluoranthene**	**4760**		ug/kg dry	114	228	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/14/2015 12:42	KH
86-73-7	Fluorene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**697**		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
78-59-1	Isophorone	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 06:50	06/13/2015 00:14	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:14	SR

Sample Information

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

York Sample ID: 15F0434-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:30 am	06/11/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/13/2015 00:14	SR
91-20-3	Naphthalene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/13/2015 00:14	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:14	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:14	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:14	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:14	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:14	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.2	182	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:14	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:14	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/13/2015 00:14	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/13/2015 00:14	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:14	SR
85-01-8	**Phenanthrene**	**2480**		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:14	SR
108-95-2	Phenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:14	SR
129-00-0	**Pyrene**	**4390**		ug/kg dry	114	228	5	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2015 12:42	KH
110-86-1	Pyridine	ND		ug/kg dry	183	365	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:14	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:14	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:14	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.7	91.2	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/13/2015 00:14	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*42.1 %*	*10-95*
4165-62-2	*Surrogate: Phenol-d5*	*51.2 %*	*10-107*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*36.9 %*	*10-95*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*45.2 %*	*10-97*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*55.4 %*	*10-103*
1718-51-0	*Surrogate: Terphenyl-d14*	*62.1 %*	*19-99*

Sample Information

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

York Sample ID: 15F0434-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:30 am	06/11/2015

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**	**28.5**		ug/kg dry	1.80	1.80	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	**4,4'-DDE**	**35.7**		ug/kg dry	1.80	1.80	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	**4,4'-DDT**	**143**		ug/kg dry	1.80	1.80	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	Chlordane, total	ND		ug/kg dry	72.2	72.2	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	1.80	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/kg dry	9.02	9.02	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/kg dry	91.3	91.3	5	EPA 8081B	06/12/2015 11:25	06/15/2015 13:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

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

York Sample ID: 15F0434-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:30 am	06/11/2015

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
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.7 %*			*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.5 %*			*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	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 14:48	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 14:48	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 14:48	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 14:48	AMC
12672-29-6	**Aroclor 1248**	**0.0688**		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 14:48	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 14:48	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 14:48	AMC
1336-36-3	*** Total PCBs**	**0.0688**		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications:	06/12/2015 11:25	06/15/2015 14:48	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.4 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.6 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8950**		mg/kg dry	5.47	5.47	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 12:28	06/15/2015 20:11	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.547	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 12:28	06/15/2015 20:11	ALD
7440-38-2	**Arsenic**	**3.53**		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 12:28	06/15/2015 20:11	ALD
7440-39-3	**Barium**	**635**		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 12:28	06/15/2015 20:11	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.109	0.109	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 12:28	06/15/2015 20:11	ALD
7440-43-9	**Cadmium**	**0.626**		mg/kg dry	0.328	0.328	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 12:28	06/15/2015 20:11	ALD

Sample Information

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

York Sample ID: 15F0434-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:30 am	06/11/2015

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
7440-70-2	**Calcium**	**32200**		mg/kg dry	0.547	5.47	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-47-3	**Chromium**	**22.9**		mg/kg dry	0.547	0.547	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.0**		mg/kg dry	0.547	0.547	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-50-8	**Copper**	**105**		mg/kg dry	0.547	0.547	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-89-6	**Iron**	**18100**		mg/kg dry	2.19	2.19	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-92-1	**Lead**	**618**		mg/kg dry	0.328	0.328	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**5260**		mg/kg dry	5.47	5.47	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-96-5	**Manganese**	**322**		mg/kg dry	0.547	0.547	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-02-0	**Nickel**	**18.8**		mg/kg dry	0.547	0.547	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**3010**		mg/kg dry	5.47	5.47	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7782-49-2	Selenium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.547	0.547	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**312**		mg/kg dry	10.9	10.9	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	**Vanadium**	**34.3**		mg/kg dry	1.09	1.09	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**417**		mg/kg dry	1.09	1.09	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

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**	**0.166**		mg/kg dry	0.0328	0.0328	1	EPA 7473	06/12/2015 05:54	06/12/2015 13:18	ALD
								Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SP-5 (0-2') **York Sample ID:** 15F0434-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 10:30 am	06/11/2015

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**	**91.4**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	06/12/2015 09:45	06/12/2015 14:22	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	0.383	0.547	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854	06/16/2015 07:38	06/16/2015 13:43	SC

Chromium, Trivalent **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
16065-83-1	*** Chromium, Trivalent**	**22.9**		mg/kg	0.250	0.500	1	Calculation Certifications:	06/16/2015 13:44	06/16/2015 13:48	SC

Sample Information

Client Sample ID: SP-5 (10-12') **York Sample ID:** 15F0434-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:05 am	06/11/2015

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 19:14	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 19:14	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 19:14	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 19:14	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 19:14	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 19:14	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 19:14	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 19:14	BK

Sample Information

Client Sample ID: SP-5 (10-12')

York Sample ID: 15F0434-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:05 am	06/11/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 19:14	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 19:14	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 19:14	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 19:14	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	170	340	1	EPA 8260C Certifications:	06/12/2015 09:12 NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
78-93-3	2-Butanone	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
67-64-1	**Acetone**	**53**	CCV-E, SCAL-E	ug/kg dry	17	34	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
71-43-2	Benzene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 19:14	BK
108-86-1	Bromobenzene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 19:14	BK

Sample Information

Client Sample ID: SP-5 (10-12')

York Sample ID: 15F0434-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:05 am	06/11/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
74-83-9	Bromomethane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-00-3	Chloroethane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
67-66-3	Chloroform	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
74-87-3	Chloromethane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 CTDOH,NELAC-NY10854,NJDEP	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 NELAC-NY10854,NJDEP,PADEP	BK
74-95-3	Dibromomethane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 NELAC-NY10854,NJDEP	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 NELAC-NY10854,NJDEP	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 NELAC-NY10854,NJDEP	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 CTDOH,NELAC-NY10854,NJDEP	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 CTDOH,NELAC-NY10854,NJDEP	BK
75-09-2	Methylene chloride	ND		ug/kg dry	17	34	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
91-20-3	Naphthalene	ND		ug/kg dry	8.5	34	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 NELAC-NY10854,NJDEP	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 CTDOH,NELAC-NY10854,NJDEP	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 CTDOH,NELAC-NY10854,NJDEP	BK
95-47-6	o-Xylene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 CTDOH,NELAC-NY10854	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	17	34	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 CTDOH,NELAC-NY10854	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 CTDOH,NELAC-NY10854,NJDEP	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:14 CTDOH,NELAC-NY10854,NJDEP	BK

Sample Information

Client Sample ID: SP-5 (10-12') **York Sample ID:** 15F0434-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:05 am	06/11/2015

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 19:14	BK
108-88-3	Toluene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 19:14	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 19:14	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 19:14	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 19:14	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 NELAC-NY10854,NJDEP	06/12/2015 19:14	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 19:14	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	26	51	1	EPA 8260C Certifications:	06/12/2015 09:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 19:14	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*112 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*96.2 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.7 %*	*76-130*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
62-53-3	Aniline	ND		ug/kg dry	209	418	2	EPA 8270D Certifications:	06/12/2015 06:50 NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
120-12-7	Anthracene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR

Sample Information

Client Sample ID: SP-5 (10-12')

York Sample ID: 15F0434-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:05 am	06/11/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 NELAC-NY10854,NJDEP,PADEP	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
218-01-9	Chrysene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 CTDOH,NELAC-NY10854,NJDEP	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 NELAC-NY10854	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 NELAC-NY10854	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 NELAC-NY10854	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 NELAC-NY10854,NJDEP,PADEP	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50	06/12/2015 23:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR

Sample Information

Client Sample ID: SP-5 (10-12')

York Sample ID: 15F0434-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:05 am	06/11/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	104	209	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 23:08	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	104	209	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
206-44-0	Fluoranthene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
86-73-7	Fluorene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
78-59-1	Isophorone	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 23:08	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 23:08	SR
91-20-3	Naphthalene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 23:08	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	104	209	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	104	209	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	104	209	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR

Sample Information

Client Sample ID: SP-5 (10-12')

York Sample ID: 15F0434-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:05 am	06/11/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		ug/kg dry	104	209	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 23:08	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 23:08	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
85-01-8	Phenanthrene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
108-95-2	Phenol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
129-00-0	Pyrene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
110-86-1	Pyridine	ND		ug/kg dry	209	418	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 23:08	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	52.3	104	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 23:08	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*33.6 %*	*10-95*
4165-62-2	*Surrogate: Phenol-d5*	*39.1 %*	*10-107*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*29.2 %*	*10-95*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*32.0 %*	*10-97*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*39.8 %*	*10-103*
1718-51-0	*Surrogate: Terphenyl-d14*	*38.4 %*	*19-99*

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	2.07	2.07	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:43	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:43	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:43	AMC
309-00-2	Aldrin	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:43	AMC

Sample Information

Client Sample ID: SP-5 (10-12')

York Sample ID: 15F0434-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:05 am	06/11/2015

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
319-84-6	alpha-BHC	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:43	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications:	06/12/2015 11:25 NELAC-NY10854,NJDEP	06/15/2015 13:43	AMC
319-85-7	beta-BHC	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:43	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	82.6	82.6	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:43	AMC
319-86-8	delta-BHC	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:43	AMC
60-57-1	Dieldrin	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:43	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:43	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:43	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:43	AMC
72-20-8	Endrin	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:43	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:43	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 13:43	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:43	AMC
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications:	06/12/2015 11:25 NELAC-NY10854,NJDEP	06/15/2015 13:43	AMC
76-44-8	Heptachlor	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:43	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:43	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	10.3	10.3	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:43	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	105	105	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 13:43	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.0 %*	*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	0.0209	0.0209	1	EPA 8082A Certifications:	06/12/2015 11:25 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 15:17	AMC

Sample Information

Client Sample ID: SP-5 (10-12')

York Sample ID: 15F0434-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:05 am	06/11/2015

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
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 15:17	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 15:17	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 15:17	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 15:17	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 15:17	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/12/2015 11:25	06/15/2015 15:17	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications:	06/12/2015 11:25	06/15/2015 15:17	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.1 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7640**		mg/kg dry	6.26	6.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 12:28	06/15/2015 20:19	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.626	0.626	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 12:28	06/15/2015 20:19	ALD
7440-38-2	Arsenic	ND		mg/kg dry	1.25	1.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 12:28	06/15/2015 20:19	ALD
7440-39-3	**Barium**	**28.3**		mg/kg dry	1.25	1.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 12:28	06/15/2015 20:19	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.125	0.125	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 12:28	06/15/2015 20:19	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.376	0.376	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 12:28	06/15/2015 20:19	ALD
7440-70-2	**Calcium**	**5020**		mg/kg dry	0.626	6.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 12:28	06/15/2015 20:19	ALD
7440-47-3	**Chromium**	**18.8**		mg/kg dry	0.626	0.626	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 12:28	06/15/2015 20:19	ALD
7440-48-4	**Cobalt**	**6.70**		mg/kg dry	0.626	0.626	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 12:28	06/15/2015 20:19	ALD
7440-50-8	**Copper**	**11.1**		mg/kg dry	0.626	0.626	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 12:28	06/15/2015 20:19	ALD
7439-89-6	**Iron**	**18700**		mg/kg dry	2.50	2.50	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 12:28	06/15/2015 20:19	ALD

Sample Information

Client Sample ID: SP-5 (10-12')

York Sample ID: 15F0434-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:05 am	06/11/2015

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**	**3.18**		mg/kg dry	0.376	0.376	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:19	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**4720**		mg/kg dry	6.26	6.26	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:19	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-96-5	**Manganese**	**169**		mg/kg dry	0.626	0.626	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:19	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-02-0	**Nickel**	**14.6**		mg/kg dry	0.626	0.626	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:19	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**982**		mg/kg dry	6.26	6.26	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:19	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7782-49-2	**Selenium**	**12.7**		mg/kg dry	1.25	1.25	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:19	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.626	0.626	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:19	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**234**		mg/kg dry	12.5	12.5	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:19	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.25	1.25	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:19	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-62-2	**Vanadium**	**22.0**		mg/kg dry	1.25	1.25	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:19	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-66-6	**Zinc**	**33.3**		mg/kg dry	1.25	1.25	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:19	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

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	0.0376	0.0376	1	EPA 7473	06/12/2015 05:54	06/12/2015 13:27	ALD
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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**	**79.9**		%	0.100	0.100	1	SM 2540G	06/12/2015 09:45	06/12/2015 14:22	SCA
								Certifications: CTDOH			

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	0.438	0.626	1	EPA 7196A	06/16/2015 07:38	06/16/2015 13:43	SC
								Certifications: NJDEP,CTDOH,NELAC-NY10854			

Sample Information

Client Sample ID: SP-5 (10-12') **York Sample ID:** 15F0434-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 11:05 am	06/11/2015

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**18.8**		mg/kg	0.250	0.500	1	Calculation	06/16/2015 13:44	06/16/2015 13:48	SC
								Certifications:			

Sample Information

Client Sample ID: SP-6 (0-2') **York Sample ID:** 15F0434-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:15 pm	06/11/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/12/2015 09:12	06/12/2015 19:50	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/12/2015 09:12	06/12/2015 19:50	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/12/2015 09:12	06/12/2015 19:50	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/12/2015 09:12	06/12/2015 19:50	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/12/2015 09:12	06/12/2015 19:50	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/12/2015 09:12	06/12/2015 19:50	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/12/2015 09:12	06/12/2015 19:50	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/12/2015 09:12	06/12/2015 19:50	BK
								Certifications:	NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/12/2015 09:12	06/12/2015 19:50	BK
								Certifications:	NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/12/2015 09:12	06/12/2015 19:50	BK
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/12/2015 09:12	06/12/2015 19:50	BK
								Certifications:	NELAC-NY10854,NJDEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/12/2015 09:12	06/12/2015 19:50	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/12/2015 09:12	06/12/2015 19:50	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/12/2015 09:12	06/12/2015 19:50	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/12/2015 09:12	06/12/2015 19:50	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

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

York Sample ID: 15F0434-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:15 pm	06/11/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK CTDOH,NELAC-NY10854,NJDEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK CTDOH,NELAC-NY10854,NJDEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK NELAC-NY10854,NJDEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	95	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK NELAC-NY10854,NJDEP
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK NELAC-NY10854,NJDEP
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK CTDOH,NELAC-NY10854,NJDEP
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK CTDOH,NELAC-NY10854,NJDEP
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK CTDOH,NELAC-NY10854,NJDEP
67-64-1	**Acetone**	**16**	CCV-E, SCAL-E	ug/kg dry	4.8	9.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK CTDOH,NELAC-NY10854,NJDEP
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK NELAC-NY10854,NJDEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK NELAC-NY10854,NJDEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50	BK CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

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

York Sample ID: 15F0434-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:15 pm	06/11/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 CTDOH,NELAC-NY10854,NJDEP	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 NELAC-NY10854,NJDEP,PADEP	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 NELAC-NY10854,NJDEP	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 NELAC-NY10854,NJDEP	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 NELAC-NY10854,NJDEP	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 CTDOH,NELAC-NY10854,NJDEP	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 CTDOH,NELAC-NY10854,NJDEP	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.4	9.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 NELAC-NY10854,NJDEP	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 CTDOH,NELAC-NY10854,NJDEP	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 CTDOH,NELAC-NY10854,NJDEP	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 CTDOH,NELAC-NY10854	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 CTDOH,NELAC-NY10854	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 CTDOH,NELAC-NY10854,NJDEP	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 CTDOH,NELAC-NY10854,NJDEP	BK
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 CTDOH,NELAC-NY10854,NJDEP	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 CTDOH,NELAC-NY10854,NJDEP	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 CTDOH,NELAC-NY10854,NJDEP	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications:	06/12/2015 09:12	06/12/2015 19:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK

Sample Information

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

York Sample ID: 15F0434-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:15 pm	06/11/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 19:50	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/12/2015 09:12	06/12/2015 19:50	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 19:50	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 09:12	06/12/2015 19:50	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*111 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*96.8 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**295**		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
208-96-8	**Acenaphthylene**	**51.6**	J	ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
62-53-3	Aniline	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
120-12-7	**Anthracene**	**649**		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
56-55-3	**Benzo(a)anthracene**	**1750**		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
50-32-8	**Benzo(a)pyrene**	**553**		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
205-99-2	**Benzo(b)fluoranthene**	**570**		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
191-24-2	**Benzo(g,h,i)perylene**	**380**		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
207-08-9	**Benzo(k)fluoranthene**	**700**		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
85-68-7	**Benzyl butyl phthalate**	**133**		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR

Sample Information

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

York Sample ID: 15F0434-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:15 pm	06/11/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
218-01-9	**Chrysene**	**1740**		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
53-70-3	**Dibenzo(a,h)anthracene**	**172**		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
132-64-9	**Dibenzofuran**	**102**		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 CTDOH,NELAC-NY10854,NJDEP	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 NELAC-NY10854	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 NELAC-NY10854	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 NELAC-NY10854	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 NELAC-NY10854,NJDEP,PADEP	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 CTDOH,NELAC-NY10854,NJDEP	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50	06/13/2015 00:48 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR

Sample Information

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

York Sample ID: 15F0434-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:15 pm	06/11/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**197**		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
206-44-0	**Fluoranthene**	**3700**		ug/kg dry	109	218	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/14/2015 13:13	KH
86-73-7	**Fluorene**	**215**		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**398**		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
78-59-1	Isophorone	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 06:50	06/13/2015 00:48	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 06:50	06/13/2015 00:48	SR
91-20-3	**Naphthalene**	**103**		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 06:50	06/13/2015 00:48	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 06:50	06/13/2015 00:48	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 06:50	06/13/2015 00:48	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/12/2015 06:50	06/13/2015 00:48	SR

Sample Information

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

York Sample ID: 15F0434-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:15 pm	06/11/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:48	SR
85-01-8	**Phenanthrene**	**2340**		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:48	SR
108-95-2	Phenol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:48	SR
129-00-0	**Pyrene**	**3300**		ug/kg dry	109	218	5	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/14/2015 13:13	KH
110-86-1	Pyridine	ND		ug/kg dry	175	350	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:48	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:48	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/13/2015 00:48	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.8	87.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/13/2015 00:48	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*39.5 %*	*10-95*
4165-62-2	*Surrogate: Phenol-d5*	*47.8 %*	*10-107*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*34.9 %*	*10-95*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*41.0 %*	*10-97*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*39.3 %*	*10-103*
1718-51-0	*Surrogate: Terphenyl-d14*	*60.7 %*	*19-99*

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	1.73	1.73	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:58	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:58	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:58	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:58	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:58	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications:	06/12/2015 11:25 NELAC-NY10854,NJDEP	06/15/2015 13:58	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:58	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	69.1	69.1	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:58	AMC

Sample Information

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

York Sample ID: 15F0434-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:15 pm	06/11/2015

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
319-86-8	delta-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:58	AMC
60-57-1	Dieldrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:58	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:58	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:58	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:58	AMC
72-20-8	Endrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:58	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:58	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 13:58	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:58	AMC
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications:	06/12/2015 11:25 NELAC-NY10854,NJDEP	06/15/2015 13:58	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:58	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:58	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	8.64	8.64	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 13:58	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	87.4	87.4	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 13:58	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.3 %*	*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications:	06/12/2015 11:25 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 15:46	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications:	06/12/2015 11:25 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 15:46	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications:	06/12/2015 11:25 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 15:46	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications:	06/12/2015 11:25 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 15:46	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications:	06/12/2015 11:25 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 15:46	AMC

Sample Information

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

York Sample ID: 15F0434-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:15 pm	06/11/2015

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
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A	06/12/2015 11:25	06/15/2015 15:46	AMC
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	**Aroclor 1260**	**0.0688**		mg/kg dry	0.0174	0.0174	1	EPA 8082A	06/12/2015 11:25	06/15/2015 15:46	AMC
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	*** Total PCBs**	**0.0688**		mg/kg dry	0.0174	0.0174	1	EPA 8082A	06/12/2015 11:25	06/15/2015 15:46	AMC
								Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.4 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.1 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7180**		mg/kg dry	5.23	5.23	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-36-0	Antimony	ND		mg/kg dry	0.523	0.523	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**3.06**		mg/kg dry	1.05	1.05	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**263**		mg/kg dry	1.05	1.05	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.105	0.105	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-43-9	**Cadmium**	**0.852**		mg/kg dry	0.314	0.314	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**28900**		mg/kg dry	0.523	5.23	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-47-3	**Chromium**	**27.3**		mg/kg dry	0.523	0.523	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**8.10**		mg/kg dry	0.523	0.523	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-50-8	**Copper**	**121**		mg/kg dry	0.523	0.523	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-89-6	**Iron**	**17900**		mg/kg dry	2.09	2.09	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-92-1	**Lead**	**227**		mg/kg dry	0.314	0.314	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**7410**		mg/kg dry	5.23	5.23	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-96-5	**Manganese**	**308**		mg/kg dry	0.523	0.523	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

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

York Sample ID: 15F0434-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:15 pm	06/11/2015

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
7440-02-0	**Nickel**	**24.9**		mg/kg dry	0.523	0.523	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1550**		mg/kg dry	5.23	5.23	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7782-49-2	Selenium	ND		mg/kg dry	1.05	1.05	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.523	0.523	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**391**		mg/kg dry	10.5	10.5	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.05	1.05	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-62-2	**Vanadium**	**40.0**		mg/kg dry	1.05	1.05	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-66-6	**Zinc**	**321**		mg/kg dry	1.05	1.05	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:24	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

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**	**0.267**		mg/kg dry	0.0314	0.0314	1	EPA 7473	06/12/2015 05:54	06/12/2015 13:36	ALD
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

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**	**95.5**		%	0.100	0.100	1	SM 2540G	06/12/2015 09:45	06/12/2015 14:22	SCA
								Certifications: CTDOH			

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	0.366	0.523	1	EPA 7196A	06/16/2015 07:38	06/16/2015 13:43	SC
								Certifications: NJDEP,CTDOH,NELAC-NY10854			

Chromium, Trivalent

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

Sample Information

Client Sample ID: SP-6 (0-2') **York Sample ID:** 15F0434-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:15 pm	06/11/2015

Chromium, Trivalent

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
16065-83-1	* Chromium, Trivalent	27.3		mg/kg	0.250	0.500	1	Calculation	06/16/2015 13:44	06/16/2015 13:48	SC
								Certifications:			

Sample Information

Client Sample ID: SP-6 (10-12') **York Sample ID:** 15F0434-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:50 pm	06/11/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/15/2015 09:50	06/15/2015 14:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/15/2015 09:50	06/15/2015 14:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/15/2015 09:50	06/15/2015 14:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/15/2015 09:50	06/15/2015 14:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/15/2015 09:50	06/15/2015 14:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/15/2015 09:50	06/15/2015 14:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/15/2015 09:50	06/15/2015 14:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/15/2015 09:50	06/15/2015 14:57	SS
								Certifications:	NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/15/2015 09:50	06/15/2015 14:57	SS
								Certifications:	NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/15/2015 09:50	06/15/2015 14:57	SS
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/15/2015 09:50	06/15/2015 14:57	SS
								Certifications:	NELAC-NY10854,NJDEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/15/2015 09:50	06/15/2015 14:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/15/2015 09:50	06/15/2015 14:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/15/2015 09:50	06/15/2015 14:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/15/2015 09:50	06/15/2015 14:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SP-6 (10-12')

York Sample ID: 15F0434-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:50 pm	06/11/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 CTDOH,NELAC-NY10854,NJDEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 CTDOH,NELAC-NY10854,NJDEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 NELAC-NY10854,NJDEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	40	79	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 NELAC-NY10854,NJDEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 NELAC-NY10854,NJDEP	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 CTDOH,NELAC-NY10854,NJDEP	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 CTDOH,NELAC-NY10854,NJDEP	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 CTDOH,NELAC-NY10854,NJDEP	SS
67-64-1	Acetone	ND	SCAL-E	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 CTDOH,NELAC-NY10854,NJDEP	SS
71-43-2	Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 NELAC-NY10854,NJDEP	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 NELAC-NY10854,NJDEP	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50	06/15/2015 14:57 CTDOH,NELAC-NY10854,NJDEP,PADEP	SS

Sample Information

Client Sample ID: SP-6 (10-12') **York Sample ID:** 15F0434-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:50 pm	06/11/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 09:50	06/15/2015 14:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 09:50	06/15/2015 14:57	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/15/2015 09:50	06/15/2015 14:57	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/15/2015 09:50	06/15/2015 14:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/15/2015 09:50	06/15/2015 14:57	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 09:50	06/15/2015 14:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/15/2015 09:50	06/15/2015 14:57	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 09:50	06/15/2015 14:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 09:50	06/15/2015 14:57	SS
75-09-2	**Methylene chloride**	**11**		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 09:50	06/15/2015 14:57	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/15/2015 09:50	06/15/2015 14:57	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 09:50	06/15/2015 14:57	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 09:50	06/15/2015 14:57	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	06/15/2015 09:50	06/15/2015 14:57	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	06/15/2015 09:50	06/15/2015 14:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 09:50	06/15/2015 14:57	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 09:50	06/15/2015 14:57	SS
100-42-5	Styrene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 09:50	06/15/2015 14:57	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 09:50	06/15/2015 14:57	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 09:50	06/15/2015 14:57	SS
108-88-3	Toluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 09:50	06/15/2015 14:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/15/2015 09:50	06/15/2015 14:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 09:50	06/15/2015 14:57	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 09:50	06/15/2015 14:57	SS

Sample Information

Client Sample ID: SP-6 (10-12')

York Sample ID: 15F0434-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:50 pm	06/11/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:57	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50 NELAC-NY10854,NJDEP	06/15/2015 14:57	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	06/15/2015 09:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:57	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications:	06/15/2015 09:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:57	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.0 %*	*76-130*

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
62-53-3	Aniline	ND		ug/kg dry	191	382	2	EPA 8270D Certifications:	06/12/2015 06:50 NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
120-12-7	Anthracene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR

Sample Information

Client Sample ID: SP-6 (10-12')

York Sample ID: 15F0434-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:50 pm	06/11/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
218-01-9	Chrysene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 22:35	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 NELAC-NY10854	06/12/2015 22:35	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 NELAC-NY10854	06/12/2015 22:35	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 NELAC-NY10854	06/12/2015 22:35	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 22:35	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR

Sample Information

Client Sample ID: SP-6 (10-12')

York Sample ID: 15F0434-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:50 pm	06/11/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
86-73-7	Fluorene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
78-59-1	Isophorone	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 22:35	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 22:35	SR
91-20-3	Naphthalene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 22:35	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.3	190	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 22:35	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 22:35	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
85-01-8	Phenanthrene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
108-95-2	Phenol	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR

Sample Information

Client Sample ID: SP-6 (10-12')

York Sample ID: 15F0434-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:50 pm	06/11/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
110-86-1	Pyridine	ND		ug/kg dry	191	382	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/12/2015 22:35	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.8	95.3	2	EPA 8270D Certifications:	06/12/2015 06:50 CTDOH,NELAC-NY10854,NJDEP	06/12/2015 22:35	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*73.9 %*		*10-95*
4165-62-2	*Surrogate: Phenol-d5*	*86.6 %*		*10-107*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*62.0 %*		*10-95*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*73.3 %*		*10-97*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*99.3 %*		*10-103*
1718-51-0	*Surrogate: Terphenyl-d14*	*100 %*	S-08	*19-99*

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	1.89	1.89	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:13	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:13	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:13	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:13	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:13	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	06/12/2015 11:25 NELAC-NY10854,NJDEP	06/15/2015 14:13	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:13	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	75.5	75.5	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:13	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:13	AMC
60-57-1	Dieldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:13	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:13	AMC

Sample Information

Client Sample ID: SP-6 (10-12')

York Sample ID: 15F0434-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:50 pm	06/11/2015

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
33213-65-9	Endosulfan II	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:13	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:13	AMC
72-20-8	Endrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:13	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:13	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 14:13	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:13	AMC
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	06/12/2015 11:25 NELAC-NY10854,NJDEP	06/15/2015 14:13	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:13	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:13	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	9.43	9.43	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/15/2015 14:13	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	95.5	95.5	5	EPA 8081B Certifications:	06/12/2015 11:25 CTDOH,NELAC-NY10854,NJDEP	06/15/2015 14:13	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.2 %*	*30-140*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	06/12/2015 11:25 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 16:16	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	06/12/2015 11:25 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 16:16	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	06/12/2015 11:25 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 16:16	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	06/12/2015 11:25 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 16:16	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	06/12/2015 11:25 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 16:16	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	06/12/2015 11:25 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 16:16	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	06/12/2015 11:25 NELAC-NY10854,CTDOH,NJDEP,PADEP	06/15/2015 16:16	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	06/12/2015 11:25	06/15/2015 16:16	AMC

Sample Information

Client Sample ID: SP-6 (10-12')

York Sample ID: 15F0434-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:50 pm	06/11/2015

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
	Surrogate Recoveries	**Result**		**Acceptance Range**							
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*96.1 %*		*30-140*							
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.1 %*		*30-140*							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6060**		mg/kg dry	5.72	5.72	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-36-0	Antimony	ND		mg/kg dry	0.572	0.572	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**20.8**		mg/kg dry	1.14	1.14	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.343	0.343	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**959**		mg/kg dry	0.572	5.72	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-47-3	**Chromium**	**13.0**		mg/kg dry	0.572	0.572	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**5.05**		mg/kg dry	0.572	0.572	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-50-8	**Copper**	**6.74**		mg/kg dry	0.572	0.572	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-89-6	**Iron**	**15700**		mg/kg dry	2.29	2.29	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-92-1	**Lead**	**7.52**		mg/kg dry	0.343	0.343	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**1820**		mg/kg dry	5.72	5.72	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-96-5	**Manganese**	**89.3**		mg/kg dry	0.572	0.572	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-02-0	**Nickel**	**10.2**		mg/kg dry	0.572	0.572	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1350**		mg/kg dry	5.72	5.72	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7782-49-2	Selenium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.572	0.572	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SP-6 (10-12') **York Sample ID:** 15F0434-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0434	#150133 200 East 135th Street Bronx, NY	Soil	June 10, 2015 1:50 pm	06/11/2015

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
7440-23-5	**Sodium**	**331**		mg/kg dry	11.4	11.4	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	**Vanadium**	**19.0**		mg/kg dry	1.14	1.14	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**28.3**		mg/kg dry	1.14	1.14	1	EPA 6010C	06/15/2015 12:28	06/15/2015 20:29	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

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	0.0343	0.0343	1	EPA 7473	06/12/2015 05:54	06/12/2015 13:45	ALD
								Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.5**		%	0.100	0.100	1	SM 2540G	06/12/2015 09:45	06/12/2015 14:22	SCA
								Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.400	0.572	1	EPA 7196A	06/16/2015 07:38	06/16/2015 13:43	SC
								Certifications:	NJDEP,CTDOH,NELAC-NY10854		

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**13.0**		mg/kg	0.250	0.500	1	Calculation	06/16/2015 13:44	06/16/2015 13:48	SC
								Certifications:			

Analytical Batch Summary

Batch ID: BF50611 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15F0434-01	SP-2 (0-2')	06/12/15
15F0434-02	SP-2 (10-12')	06/12/15
15F0434-03	SP-5 (0-2')	06/12/15
15F0434-04	SP-5 (10-12')	06/12/15
15F0434-05	SP-6 (0-2')	06/12/15
15F0434-06	SP-6 (10-12')	06/12/15
BF50611-BLK1	Blank	06/12/15
BF50611-SRM1	Reference	06/12/15

Batch ID: BF50613 **Preparation Method:** EPA 3550C **Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
15F0434-01	SP-2 (0-2')	06/12/15
15F0434-02	SP-2 (10-12')	06/12/15
15F0434-03	SP-5 (0-2')	06/12/15
15F0434-04	SP-5 (10-12')	06/12/15
15F0434-05	SP-6 (0-2')	06/12/15
15F0434-06	SP-6 (10-12')	06/12/15
BF50613-BLK1	Blank	06/12/15
BF50613-BS1	LCS	06/12/15
BF50613-BSD1	LCS Dup	06/12/15

Batch ID: BF50622 **Preparation Method:** EPA 5035A **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
15F0434-01	SP-2 (0-2')	06/12/15
15F0434-02	SP-2 (10-12')	06/12/15
15F0434-03	SP-5 (0-2')	06/12/15
15F0434-04	SP-5 (10-12')	06/12/15
15F0434-05	SP-6 (0-2')	06/12/15
BF50622-BLK1	Blank	06/12/15
BF50622-BS1	LCS	06/12/15
BF50622-BSD1	LCS Dup	06/12/15

Batch ID: BF50631 **Preparation Method:** % Solids Prep **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
15F0434-01	SP-2 (0-2')	06/12/15
15F0434-02	SP-2 (10-12')	06/12/15
15F0434-03	SP-5 (0-2')	06/12/15
15F0434-04	SP-5 (10-12')	06/12/15
15F0434-05	SP-6 (0-2')	06/12/15
15F0434-06	SP-6 (10-12')	06/12/15

Batch ID: BF50640 **Preparation Method:** EPA 3550C **Prepared By:** LEK

YORK Sample ID	Client Sample ID	Preparation Date
15F0434-01	SP-2 (0-2')	06/12/15
15F0434-01	SP-2 (0-2')	06/12/15
15F0434-02	SP-2 (10-12')	06/12/15
15F0434-02	SP-2 (10-12')	06/12/15
15F0434-03	SP-5 (0-2')	06/12/15
15F0434-03	SP-5 (0-2')	06/12/15
15F0434-04	SP-5 (10-12')	06/12/15
15F0434-04	SP-5 (10-12')	06/12/15
15F0434-05	SP-6 (0-2')	06/12/15
15F0434-05	SP-6 (0-2')	06/12/15
15F0434-06	SP-6 (10-12')	06/12/15
15F0434-06	SP-6 (10-12')	06/12/15
BF50640-BLK1	Blank	06/12/15
BF50640-BLK1	Blank	06/12/15
BF50640-BS1	LCS	06/12/15
BF50640-BS2	LCS	06/12/15
BF50640-BSD1	LCS Dup	06/12/15

Batch ID: BF50680 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15F0434-06	SP-6 (10-12')	06/15/15
BF50680-BLK1	Blank	06/15/15
BF50680-BS1	LCS	06/15/15
BF50680-BSD1	LCS Dup	06/15/15

Batch ID: BF50699 **Preparation Method:** EPA 3050B **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15F0434-01	SP-2 (0-2')	06/15/15
15F0434-02	SP-2 (10-12')	06/15/15
15F0434-03	SP-5 (0-2')	06/15/15
15F0434-04	SP-5 (10-12')	06/15/15
15F0434-05	SP-6 (0-2')	06/15/15
15F0434-06	SP-6 (10-12')	06/15/15
BF50699-BLK1	Blank	06/15/15
BF50699-SRM1	Reference	06/15/15

Batch ID: BF50734 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
15F0434-01	SP-2 (0-2')	06/16/15
15F0434-02	SP-2 (10-12')	06/16/15
15F0434-03	SP-5 (0-2')	06/16/15
15F0434-04	SP-5 (10-12')	06/16/15
15F0434-05	SP-6 (0-2')	06/16/15
15F0434-06	SP-6 (10-12')	06/16/15

BF50734-BLK1	Blank	06/16/15
BF50734-SRM1	Reference	06/16/15

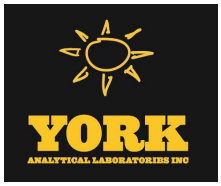
Batch ID: BF50776 **Preparation Method:** Analysis Preparation **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
15F0434-01	SP-2 (0-2')	06/16/15
15F0434-02	SP-2 (10-12')	06/16/15
15F0434-03	SP-5 (0-2')	06/16/15
15F0434-04	SP-5 (10-12')	06/16/15
15F0434-05	SP-6 (0-2')	06/16/15
15F0434-06	SP-6 (10-12')	06/16/15

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 BF50622 - EPA 5035A											
Blank (BF50622-BLK1)											Prepared & Analyzed: 06/12/2015
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

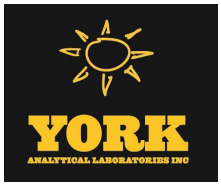
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50622 - EPA 5035A											
Blank (BF50622-BLK1)									Prepared & Analyzed: 06/12/2015		
o-Xylene	ND	5.0	ug/kg wet								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*51.3*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: Toluene-d8	*48.9*		*"*	*50.0*		*97.7*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				
LCS (BF50622-BS1)									Prepared & Analyzed: 06/12/2015		
1,1,1,2-Tetrachloroethane	55.3		ug/L	50.0		111	75-129				
1,1,1-Trichloroethane	56.9		"	50.0		114	71-137				
1,1,2,2-Tetrachloroethane	48.5		"	50.0		97.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	62.5		"	50.0		125	58-146				
1,1,2-Trichloroethane	50.5		"	50.0		101	83-123				
1,1-Dichloroethane	55.6		"	50.0		111	75-130				
1,1-Dichloroethylene	60.8		"	50.0		122	64-137				
1,1-Dichloropropylene	56.2		"	50.0		112	77-127				
1,2,3-Trichlorobenzene	65.3		"	50.0		131	81-140				
1,2,3-Trichloropropane	48.0		"	50.0		95.9	81-126				
1,2,4-Trichlorobenzene	65.1		"	50.0		130	80-141				
1,2,4-Trimethylbenzene	52.6		"	50.0		105	84-125				
1,2-Dibromo-3-chloropropane	49.0		"	50.0		98.0	74-142				
1,2-Dibromoethane	52.4		"	50.0		105	86-123				
1,2-Dichlorobenzene	54.8		"	50.0		110	85-122				
1,2-Dichloroethane	58.1		"	50.0		116	71-133				
1,2-Dichloropropane	51.3		"	50.0		103	81-122				
1,3,5-Trimethylbenzene	52.6		"	50.0		105	82-126				
1,3-Dichlorobenzene	55.8		"	50.0		112	84-124				
1,3-Dichloropropane	51.2		"	50.0		102	83-123				
1,4-Dichlorobenzene	55.5		"	50.0		111	84-124				
1,4-Dioxane	887		"	1000		88.7	10-228				
2,2-Dichloropropane	60.4		"	50.0		121	67-136				
2-Butanone	56.2		"	50.0		112	58-147				
2-Chlorotoluene	50.8		"	50.0		102	78-127				
4-Chlorotoluene	51.1		"	50.0		102	79-125				
Acetone	58.0		"	50.0		116	36-155				
Benzene	55.2		"	50.0		110	77-127				
Bromobenzene	50.2		"	50.0		100	77-129				
Bromochloromethane	56.6		"	50.0		113	74-129				
Bromodichloromethane	52.9		"	50.0		106	81-124				
Bromoform	53.2		"	50.0		106	80-136				

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 BF50622 - EPA 5035A											
LCS (BF50622-BS1)								Prepared & Analyzed: 06/12/2015			
Bromomethane	56.8		ug/L	50.0		114	32-177				
Carbon tetrachloride	57.9		"	50.0		116	66-143				
Chlorobenzene	54.3		"	50.0		109	86-120				
Chloroethane	56.2		"	50.0		112	51-142				
Chloroform	57.3		"	50.0		115	76-131				
Chloromethane	50.3		"	50.0		101	49-132				
cis-1,2-Dichloroethylene	57.0		"	50.0		114	74-132				
cis-1,3-Dichloropropylene	52.9		"	50.0		106	81-129				
Dibromochloromethane	54.0		"	50.0		108	10-200				
Dibromomethane	51.6		"	50.0		103	83-124				
Dichlorodifluoromethane	42.9		"	50.0		85.7	28-158				
Ethyl Benzene	54.8		"	50.0		110	84-125				
Hexachlorobutadiene	56.5		"	50.0		113	83-133				
Isopropylbenzene	53.1		"	50.0		106	81-127				
Methyl tert-butyl ether (MTBE)	53.9		"	50.0		108	74-131				
Methylene chloride	63.3		"	50.0		127	57-141				
Naphthalene	59.3		"	50.0		119	86-141				
n-Butylbenzene	56.9		"	50.0		114	80-130				
n-Propylbenzene	53.4		"	50.0		107	74-136				
o-Xylene	53.9		"	50.0		108	83-123				
p- & m- Xylenes	112		"	100		112	82-128				
p-Isopropyltoluene	54.8		"	50.0		110	85-125				
sec-Butylbenzene	54.1		"	50.0		108	83-125				
Styrene	54.9		"	50.0		110	86-126				
tert-Butylbenzene	52.8		"	50.0		106	80-127				
Tetrachloroethylene	54.9		"	50.0		110	80-129				
Toluene	53.0		"	50.0		106	85-121				
trans-1,2-Dichloroethylene	54.3		"	50.0		109	72-132				
trans-1,3-Dichloropropylene	53.5		"	50.0		107	78-132				
Trichloroethylene	51.5		"	50.0		103	84-123				
Trichlorofluoromethane	57.1		"	50.0		114	62-140				
Vinyl acetate	57.6		"	50.0		115	67-136				
Vinyl Chloride	55.5		"	50.0		111	52-130				
Surrogate: 1,2-Dichloroethane-d4	*52.8*		*"*	*50.0*		*106*	*77-125*				
Surrogate: Toluene-d8	*48.4*		*"*	*50.0*		*96.8*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.1*	*76-130*				



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 BF50622 - EPA 5035A											
LCS Dup (BF50622-BSD1)								Prepared & Analyzed: 06/12/2015			
1,1,1,2-Tetrachloroethane	56.5		ug/L	50.0		113	75-129		2.09	30	
1,1,1-Trichloroethane	54.9		"	50.0		110	71-137		3.47	30	
1,1,2,2-Tetrachloroethane	52.9		"	50.0		106	79-129		8.58	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	60.9		"	50.0		122	58-146		2.51	30	
1,1,2-Trichloroethane	53.6		"	50.0		107	83-123		5.80	30	
1,1-Dichloroethane	54.3		"	50.0		109	75-130		2.31	30	
1,1-Dichloroethylene	59.4		"	50.0		119	64-137		2.40	30	
1,1-Dichloropropylene	55.1		"	50.0		110	77-127		2.01	30	
1,2,3-Trichlorobenzene	67.2		"	50.0		134	81-140		2.88	30	
1,2,3-Trichloropropane	53.0		"	50.0		106	81-126		9.98	30	
1,2,4-Trichlorobenzene	68.1		"	50.0		136	80-141		4.46	30	
1,2,4-Trimethylbenzene	52.7		"	50.0		105	84-125		0.285	30	
1,2-Dibromo-3-chloropropane	53.1		"	50.0		106	74-142		7.99	30	
1,2-Dibromoethane	54.8		"	50.0		110	86-123		4.40	30	
1,2-Dichlorobenzene	55.6		"	50.0		111	85-122		1.38	30	
1,2-Dichloroethane	58.2		"	50.0		116	71-133		0.172	30	
1,2-Dichloropropane	52.6		"	50.0		105	81-122		2.52	30	
1,3,5-Trimethylbenzene	52.3		"	50.0		105	82-126		0.725	30	
1,3-Dichlorobenzene	55.9		"	50.0		112	84-124		0.161	30	
1,3-Dichloropropane	53.1		"	50.0		106	83-123		3.57	30	
1,4-Dichlorobenzene	55.9		"	50.0		112	84-124		0.700	30	
1,4-Dioxane	1080		"	1000		108	10-228		19.7	30	
2,2-Dichloropropane	58.8		"	50.0		118	67-136		2.65	30	
2-Butanone	69.6		"	50.0		139	58-147		21.3	30	
2-Chlorotoluene	50.3		"	50.0		101	78-127		1.05	30	
4-Chlorotoluene	51.0		"	50.0		102	79-125		0.157	30	
Acetone	77.9		"	50.0		156	36-155	High Bias	29.3	30	
Benzene	54.0		"	50.0		108	77-127		2.22	30	
Bromobenzene	50.0		"	50.0		99.9	77-129		0.459	30	
Bromochloromethane	57.8		"	50.0		116	74-129		1.96	30	
Bromodichloromethane	53.6		"	50.0		107	81-124		1.41	30	
Bromoform	54.4		"	50.0		109	80-136		2.29	30	
Bromomethane	59.3		"	50.0		119	32-177		4.30	30	
Carbon tetrachloride	55.7		"	50.0		111	66-143		3.93	30	
Chlorobenzene	54.8		"	50.0		110	86-120		0.917	30	
Chloroethane	55.6		"	50.0		111	51-142		1.02	30	
Chloroform	55.7		"	50.0		111	76-131		2.96	30	
Chloromethane	49.2		"	50.0		98.4	49-132		2.23	30	
cis-1,2-Dichloroethylene	55.8		"	50.0		112	74-132		2.29	30	
cis-1,3-Dichloropropylene	53.1		"	50.0		106	81-129		0.359	30	
Dibromochloromethane	56.0		"	50.0		112	10-200		3.58	30	
Dibromomethane	54.5		"	50.0		109	83-124		5.45	30	
Dichlorodifluoromethane	42.7		"	50.0		85.4	28-158		0.421	30	
Ethyl Benzene	55.2		"	50.0		110	84-125		0.710	30	
Hexachlorobutadiene	55.1		"	50.0		110	83-133		2.56	30	
Isopropylbenzene	52.0		"	50.0		104	81-127		2.02	30	
Methyl tert-butyl ether (MTBE)	56.8		"	50.0		114	74-131		5.13	30	
Methylene chloride	62.2		"	50.0		124	57-141		1.82	30	
Naphthalene	65.6		"	50.0		131	86-141		10.0	30	
n-Butylbenzene	56.3		"	50.0		113	80-130		1.06	30	
n-Propylbenzene	52.7		"	50.0		105	74-136		1.41	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

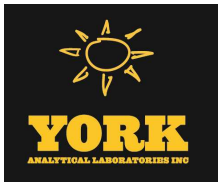
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50622 - EPA 5035A											
LCS Dup (BF50622-BSD1)								Prepared & Analyzed: 06/12/2015			
o-Xylene	53.9		ug/L	50.0		108	83-123		0.00	30	
p- & m- Xylenes	112		"	100		112	82-128		0.116	30	
p-Isopropyltoluene	54.2		"	50.0		108	85-125		1.14	30	
sec-Butylbenzene	53.5		"	50.0		107	83-125		1.13	30	
Styrene	56.2		"	50.0		112	86-126		2.27	30	
tert-Butylbenzene	52.4		"	50.0		105	80-127		0.817	30	
Tetrachloroethylene	54.7		"	50.0		109	80-129		0.292	30	
Toluene	53.4		"	50.0		107	85-121		0.677	30	
trans-1,2-Dichloroethylene	54.0		"	50.0		108	72-132		0.554	30	
trans-1,3-Dichloropropylene	55.2		"	50.0		110	78-132		3.20	30	
Trichloroethylene	52.4		"	50.0		105	84-123		1.66	30	
Trichlorofluoromethane	55.2		"	50.0		110	62-140		3.44	30	
Vinyl acetate	60.0		"	50.0		120	67-136		4.15	30	
Vinyl Chloride	54.4		"	50.0		109	52-130		2.00	30	
Surrogate: 1,2-Dichloroethane-d4	*53.7*		*"*	*50.0*		*107*	*77-125*				
Surrogate: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.2*	*76-130*				
Batch BF50680 - EPA 5035A											
Blank (BF50680-BLK1)								Prepared & Analyzed: 06/15/2015			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	3.2	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

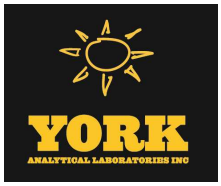
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50680 - EPA 5035A											
Blank (BF50680-BLK1)											Prepared & Analyzed: 06/15/2015
Bromoform	ND	5.0	ug/kg wet								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	6.0	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*51.8*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: Toluene-d8	*48.4*		*"*	*50.0*		*96.7*	*85-120*				
Surrogate: p-Bromofluorobenzene	*46.5*		*"*	*50.0*		*92.9*	*76-130*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

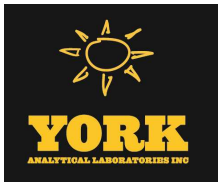
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50680 - EPA 5035A											
LCS (BF50680-BS1)								Prepared & Analyzed: 06/15/2015			
1,1,1,2-Tetrachloroethane	54.4		ug/L	50.0		109	75-129				
1,1,1-Trichloroethane	56.5		"	50.0		113	71-137				
1,1,2,2-Tetrachloroethane	54.3		"	50.0		109	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.2		"	50.0		108	58-146				
1,1,2-Trichloroethane	52.3		"	50.0		105	83-123				
1,1-Dichloroethane	54.0		"	50.0		108	75-130				
1,1-Dichloroethylene	52.6		"	50.0		105	64-137				
1,1-Dichloropropylene	53.4		"	50.0		107	77-127				
1,2,3-Trichlorobenzene	53.6		"	50.0		107	81-140				
1,2,3-Trichloropropane	54.8		"	50.0		110	81-126				
1,2,4-Trichlorobenzene	56.2		"	50.0		112	80-141				
1,2,4-Trimethylbenzene	55.1		"	50.0		110	84-125				
1,2-Dibromo-3-chloropropane	54.7		"	50.0		109	74-142				
1,2-Dibromoethane	52.5		"	50.0		105	86-123				
1,2-Dichlorobenzene	54.2		"	50.0		108	85-122				
1,2-Dichloroethane	53.1		"	50.0		106	71-133				
1,2-Dichloropropane	52.8		"	50.0		106	81-122				
1,3,5-Trimethylbenzene	54.5		"	50.0		109	82-126				
1,3-Dichlorobenzene	54.6		"	50.0		109	84-124				
1,3-Dichloropropane	52.7		"	50.0		105	83-123				
1,4-Dichlorobenzene	54.0		"	50.0		108	84-124				
1,4-Dioxane	1120		"	1000		112	10-228				
2,2-Dichloropropane	55.1		"	50.0		110	67-136				
2-Butanone	59.8		"	50.0		120	58-147				
2-Chlorotoluene	54.8		"	50.0		110	78-127				
4-Chlorotoluene	54.1		"	50.0		108	79-125				
Acetone	57.0		"	50.0		114	36-155				
Benzene	53.0		"	50.0		106	77-127				
Bromobenzene	54.9		"	50.0		110	77-129				
Bromochloromethane	53.8		"	50.0		108	74-129				
Bromodichloromethane	54.4		"	50.0		109	81-124				
Bromoform	57.3		"	50.0		115	80-136				
Bromomethane	54.4		"	50.0		109	32-177				
Carbon tetrachloride	53.4		"	50.0		107	66-143				
Chlorobenzene	53.5		"	50.0		107	86-120				
Chloroethane	55.7		"	50.0		111	51-142				
Chloroform	53.1		"	50.0		106	76-131				
Chloromethane	42.4		"	50.0		84.8	49-132				
cis-1,2-Dichloroethylene	53.6		"	50.0		107	74-132				
cis-1,3-Dichloropropylene	55.4		"	50.0		111	81-129				
Dibromochloromethane	53.9		"	50.0		108	10-200				
Dibromomethane	50.8		"	50.0		102	83-124				
Dichlorodifluoromethane	48.5		"	50.0		97.0	28-158				
Ethyl Benzene	53.0		"	50.0		106	84-125				
Hexachlorobutadiene	52.6		"	50.0		105	83-133				
Isopropylbenzene	56.3		"	50.0		113	81-127				
Methyl tert-butyl ether (MTBE)	52.5		"	50.0		105	74-131				
Methylene chloride	53.5		"	50.0		107	57-141				
Naphthalene	52.1		"	50.0		104	86-141				
n-Butylbenzene	54.6		"	50.0		109	80-130				
n-Propylbenzene	54.5		"	50.0		109	74-136				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

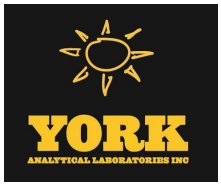
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50680 - EPA 5035A											
LCS (BF50680-BS1)							Prepared & Analyzed: 06/15/2015				
o-Xylene	51.5		ug/L	50.0		103	83-123				
p- & m- Xylenes	102		"	100		102	82-128				
p-Isopropyltoluene	55.3		"	50.0		111	85-125				
sec-Butylbenzene	54.7		"	50.0		109	83-125				
Styrene	52.3		"	50.0		105	86-126				
tert-Butylbenzene	57.3		"	50.0		115	80-127				
Tetrachloroethylene	54.4		"	50.0		109	80-129				
Toluene	53.3		"	50.0		107	85-121				
trans-1,2-Dichloroethylene	54.6		"	50.0		109	72-132				
trans-1,3-Dichloropropylene	55.1		"	50.0		110	78-132				
Trichloroethylene	54.3		"	50.0		109	84-123				
Trichlorofluoromethane	51.4		"	50.0		103	62-140				
Vinyl acetate	56.5		"	50.0		113	67-136				
Vinyl Chloride	50.9		"	50.0		102	52-130				
Surrogate: 1,2-Dichloroethane-d4	*48.8*		*"*	*50.0*		*97.5*	*77-125*				
Surrogate: Toluene-d8	*47.9*		*"*	*50.0*		*95.7*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.0*		*"*	*50.0*		*102*	*76-130*				
LCS Dup (BF50680-BSD1)							Prepared & Analyzed: 06/15/2015				
1,1,1,2-Tetrachloroethane	55.0		ug/L	50.0		110	75-129		1.01	30	
1,1,1-Trichloroethane	54.7		"	50.0		109	71-137		3.16	30	
1,1,2,2-Tetrachloroethane	53.6		"	50.0		107	79-129		1.22	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.4		"	50.0		98.8	58-146		9.17	30	
1,1,2-Trichloroethane	50.7		"	50.0		101	83-123		3.07	30	
1,1-Dichloroethane	53.0		"	50.0		106	75-130		1.91	30	
1,1-Dichloroethylene	50.8		"	50.0		102	64-137		3.58	30	
1,1-Dichloropropylene	50.9		"	50.0		102	77-127		4.79	30	
1,2,3-Trichlorobenzene	50.7		"	50.0		101	81-140		5.49	30	
1,2,3-Trichloropropane	54.1		"	50.0		108	81-126		1.21	30	
1,2,4-Trichlorobenzene	53.3		"	50.0		107	80-141		5.19	30	
1,2,4-Trimethylbenzene	55.2		"	50.0		110	84-125		0.181	30	
1,2-Dibromo-3-chloropropane	55.0		"	50.0		110	74-142		0.529	30	
1,2-Dibromoethane	52.0		"	50.0		104	86-123		1.01	30	
1,2-Dichlorobenzene	54.3		"	50.0		109	85-122		0.277	30	
1,2-Dichloroethane	51.8		"	50.0		104	71-133		2.48	30	
1,2-Dichloropropane	52.4		"	50.0		105	81-122		0.685	30	
1,3,5-Trimethylbenzene	55.3		"	50.0		111	82-126		1.48	30	
1,3-Dichlorobenzene	54.0		"	50.0		108	84-124		1.01	30	
1,3-Dichloropropane	51.8		"	50.0		104	83-123		1.72	30	
1,4-Dichlorobenzene	53.4		"	50.0		107	84-124		1.06	30	
1,4-Dioxane	995		"	1000		99.5	10-228		11.7	30	
2,2-Dichloropropane	53.1		"	50.0		106	67-136		3.62	30	
2-Butanone	53.5		"	50.0		107	58-147		11.1	30	
2-Chlorotoluene	55.2		"	50.0		110	78-127		0.691	30	
4-Chlorotoluene	53.9		"	50.0		108	79-125		0.426	30	
Acetone	52.4		"	50.0		105	36-155		8.43	30	
Benzene	52.4		"	50.0		105	77-127		1.04	30	
Bromobenzene	53.8		"	50.0		108	77-129		2.04	30	
Bromochloromethane	53.2		"	50.0		106	74-129		1.10	30	
Bromodichloromethane	53.3		"	50.0		107	81-124		2.14	30	
Bromoform	55.9		"	50.0		112	80-136		2.45	30	
Bromomethane	50.5		"	50.0		101	32-177		7.45	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

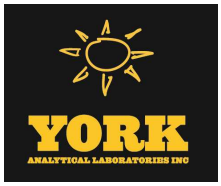
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50680 - EPA 5035A											
LCS Dup (BF50680-BSD1)								Prepared & Analyzed: 06/15/2015			
Carbon tetrachloride	51.1		ug/L	50.0		102	66-143		4.48	30	
Chlorobenzene	52.4		"	50.0		105	86-120		1.93	30	
Chloroethane	54.3		"	50.0		109	51-142		2.49	30	
Chloroform	52.2		"	50.0		104	76-131		1.69	30	
Chloromethane	41.7		"	50.0		83.5	49-132		1.55	30	
cis-1,2-Dichloroethylene	53.2		"	50.0		106	74-132		0.861	30	
cis-1,3-Dichloropropylene	53.7		"	50.0		107	81-129		3.26	30	
Dibromochloromethane	54.1		"	50.0		108	10-200		0.389	30	
Dibromomethane	51.9		"	50.0		104	83-124		2.22	30	
Dichlorodifluoromethane	46.1		"	50.0		92.1	28-158		5.12	30	
Ethyl Benzene	53.1		"	50.0		106	84-125		0.264	30	
Hexachlorobutadiene	53.4		"	50.0		107	83-133		1.58	30	
Isopropylbenzene	57.4		"	50.0		115	81-127		1.86	30	
Methyl tert-butyl ether (MTBE)	51.2		"	50.0		102	74-131		2.53	30	
Methylene chloride	51.7		"	50.0		103	57-141		3.35	30	
Naphthalene	50.8		"	50.0		102	86-141		2.55	30	
n-Butylbenzene	55.0		"	50.0		110	80-130		0.766	30	
n-Propylbenzene	55.3		"	50.0		111	74-136		1.42	30	
o-Xylene	52.9		"	50.0		106	83-123		2.74	30	
p- & m- Xylenes	104		"	100		104	82-128		1.89	30	
p-Isopropyltoluene	54.6		"	50.0		109	85-125		1.20	30	
sec-Butylbenzene	55.5		"	50.0		111	83-125		1.51	30	
Styrene	53.5		"	50.0		107	86-126		2.14	30	
tert-Butylbenzene	57.4		"	50.0		115	80-127		0.174	30	
Tetrachloroethylene	54.2		"	50.0		108	80-129		0.258	30	
Toluene	52.4		"	50.0		105	85-121		1.84	30	
trans-1,2-Dichloroethylene	52.9		"	50.0		106	72-132		3.03	30	
trans-1,3-Dichloropropylene	54.7		"	50.0		109	78-132		0.601	30	
Trichloroethylene	52.9		"	50.0		106	84-123		2.58	30	
Trichlorofluoromethane	49.8		"	50.0		99.6	62-140		3.22	30	
Vinyl acetate	55.2		"	50.0		110	67-136		2.44	30	
Vinyl Chloride	47.9		"	50.0		95.7	52-130		6.08	30	
Surrogate: 1,2-Dichloroethane-d4	*47.2*		*"*	*50.0*		*94.4*	*77-125*				
Surrogate: Toluene-d8	*49.4*		*"*	*50.0*		*98.9*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*76-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

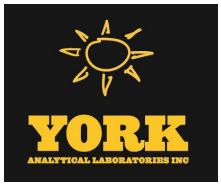
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50613 - EPA 3550C											
Blank (BF50613-BLK1)											
Prepared & Analyzed: 06/12/2015											
Acenaphthene	ND	41.7	ug/kg wet								
Acenaphthylene	ND	41.7	"								
Aniline	ND	167	"								
Anthracene	ND	41.7	"								
Benzo(a)anthracene	ND	41.7	"								
Benzo(a)pyrene	ND	41.7	"								
Benzo(b)fluoranthene	ND	41.7	"								
Benzo(g,h,i)perylene	ND	41.7	"								
Benzo(k)fluoranthene	ND	41.7	"								
Benzyl alcohol	ND	41.7	"								
Benzyl butyl phthalate	ND	41.7	"								
4-Bromophenyl phenyl ether	ND	41.7	"								
4-Chloro-3-methylphenol	ND	41.7	"								
4-Chloroaniline	ND	41.7	"								
Bis(2-chloroethoxy)methane	ND	41.7	"								
Bis(2-chloroethyl)ether	ND	41.7	"								
Bis(2-chloroisopropyl)ether	ND	41.7	"								
2-Chloronaphthalene	ND	41.7	"								
2-Chlorophenol	ND	41.7	"								
4-Chlorophenyl phenyl ether	ND	41.7	"								
Chrysene	ND	41.7	"								
Dibenzo(a,h)anthracene	ND	41.7	"								
Dibenzofuran	ND	41.7	"								
Di-n-butyl phthalate	ND	41.7	"								
1,3-Dichlorobenzene	ND	41.7	"								
1,4-Dichlorobenzene	ND	41.7	"								
1,2-Dichlorobenzene	ND	41.7	"								
3,3'-Dichlorobenzidine	ND	41.7	"								
2,4-Dichlorophenol	ND	41.7	"								
Diethyl phthalate	ND	41.7	"								
2,4-Dimethylphenol	ND	41.7	"								
Dimethyl phthalate	ND	41.7	"								
4,6-Dinitro-2-methylphenol	ND	83.3	"								
2,4-Dinitrophenol	ND	83.3	"								
2,4-Dinitrotoluene	ND	41.7	"								
2,6-Dinitrotoluene	ND	41.7	"								
Di-n-octyl phthalate	ND	41.7	"								
Bis(2-ethylhexyl)phthalate	ND	41.7	"								
Fluoranthene	ND	41.7	"								
Fluorene	ND	41.7	"								
Hexachlorobenzene	ND	41.7	"								
Hexachlorobutadiene	ND	41.7	"								
Hexachlorocyclopentadiene	ND	41.7	"								
Hexachloroethane	ND	41.7	"								
Indeno(1,2,3-cd)pyrene	ND	41.7	"								
Isophorone	ND	41.7	"								
2-Methylnaphthalene	ND	41.7	"								
2-Methylphenol	ND	41.7	"								
3- & 4-Methylphenols	ND	41.7	"								
Naphthalene	ND	41.7	"								
3-Nitroaniline	ND	83.3	"								



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 BF50613 - EPA 3550C											
Blank (BF50613-BLK1)								Prepared & Analyzed: 06/12/2015			
2-Nitroaniline	ND	83.3	ug/kg wet								
4-Nitroaniline	ND	83.3	"								
Nitrobenzene	ND	41.7	"								
2-Nitrophenol	ND	41.7	"								
4-Nitrophenol	ND	83.3	"								
N-nitroso-di-n-propylamine	ND	41.7	"								
N-Nitrosodimethylamine	ND	41.7	"								
N-Nitrosodiphenylamine	ND	41.7	"								
Pentachlorophenol	ND	41.7	"								
Phenanthrene	ND	41.7	"								
Phenol	ND	41.7	"								
Pyrene	ND	41.7	"								
Pyridine	ND	167	"								
1,2,4-Trichlorobenzene	ND	41.7	"								
2,4,6-Trichlorophenol	ND	41.7	"								
2,4,5-Trichlorophenol	ND	41.7	"								
Surrogate: 2-Fluorophenol	*1370*		*"*	*2500*		*54.7*	*10-95*				
Surrogate: Phenol-d5	*1440*		*"*	*2510*		*57.3*	*10-107*				
Surrogate: Nitrobenzene-d5	*925*		*"*	*1670*		*55.4*	*10-95*				
Surrogate: 2-Fluorobiphenyl	*905*		*"*	*1670*		*54.3*	*10-97*				
Surrogate: 2,4,6-Tribromophenol	*1280*		*"*	*2500*		*51.1*	*10-103*				
Surrogate: Terphenyl-d14	*855*		*"*	*1670*		*51.1*	*19-99*				
LCS (BF50613-BS1)								Prepared & Analyzed: 06/12/2015			
Acenaphthene	1030	41.7	ug/kg wet	1670		61.5	17-124				
Acenaphthylene	1040	41.7	"	1670		62.2	16-124				
Aniline	746	167	"	1670		44.8	10-111				
Anthracene	1000	41.7	"	1670		60.0	24-124				
Benzo(a)anthracene	1030	41.7	"	1670		61.7	25-134				
Benzo(a)pyrene	1210	41.7	"	1670		72.5	29-144				
Benzo(b)fluoranthene	1450	41.7	"	1670		87.1	20-151				
Benzo(g,h,i)perylene	1160	41.7	"	1670		69.5	10-153				
Benzo(k)fluoranthene	759	41.7	"	1670		45.6	10-148				
Benzyl alcohol	981	41.7	"	1670		58.9	17-128				
Benzyl butyl phthalate	1250	41.7	"	1670		75.0	10-132				
4-Bromophenyl phenyl ether	912	41.7	"	1670		54.7	30-138				
4-Chloro-3-methylphenol	1040	41.7	"	1670		62.6	16-138				
4-Chloroaniline	1270	41.7	"	1670		76.1	10-117				
Bis(2-chloroethoxy)methane	919	41.7	"	1670		55.2	10-129				
Bis(2-chloroethyl)ether	951	41.7	"	1670		57.1	14-125				
Bis(2-chloroisopropyl)ether	914	41.7	"	1670		54.9	14-122				
2-Chloronaphthalene	1020	41.7	"	1670		61.0	22-115				
2-Chlorophenol	923	41.7	"	1670		55.4	25-121				
4-Chlorophenyl phenyl ether	963	41.7	"	1670		57.8	18-132				
Chrysene	1030	41.7	"	1670		61.9	24-116				
Dibenzo(a,h)anthracene	1100	41.7	"	1670		66.3	17-147				
Dibenzofuran	985	41.7	"	1670		59.1	23-123				
Di-n-butyl phthalate	1070	41.7	"	1670		64.3	19-123				
1,3-Dichlorobenzene	829	41.7	"	1670		49.7	32-113				
1,4-Dichlorobenzene	899	41.7	"	1670		53.9	28-111				
1,2-Dichlorobenzene	880	41.7	"	1670		52.8	26-113				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50613 - EPA 3550C											
LCS (BF50613-BS1)							Prepared & Analyzed: 06/12/2015				
3,3'-Dichlorobenzidine	1580	41.7	ug/kg wet	1670		94.9	10-147				
2,4-Dichlorophenol	991	41.7	"	1670		59.5	23-133				
Diethyl phthalate	1140	41.7	"	1670		68.6	23-122				
2,4-Dimethylphenol	938	41.7	"	1670		56.3	15-131				
Dimethyl phthalate	1210	41.7	"	1670		72.8	28-127				
4,6-Dinitro-2-methylphenol	688	83.3	"	1670		41.3	10-149				
2,4-Dinitrophenol	828	83.3	"	1670		49.7	10-149				
2,4-Dinitrotoluene	1270	41.7	"	1670		76.1	30-123				
2,6-Dinitrotoluene	1310	41.7	"	1670		78.4	30-125				
Di-n-octyl phthalate	1210	41.7	"	1670		72.5	10-132				
Bis(2-ethylhexyl)phthalate	1170	41.7	"	1670		70.1	10-141				
Fluoranthene	1070	41.7	"	1670		64.0	36-125				
Fluorene	1030	41.7	"	1670		62.0	16-130				
Hexachlorobenzene	911	41.7	"	1670		54.7	10-129				
Hexachlorobutadiene	879	41.7	"	1670		52.8	22-153				
Hexachlorocyclopentadiene	821	41.7	"	1670		49.3	10-134				
Hexachloroethane	835	41.7	"	1670		50.1	20-112				
Indeno(1,2,3-cd)pyrene	1100	41.7	"	1670		66.3	10-155				
Isophorone	1010	41.7	"	1670		60.7	14-131				
2-Methylnaphthalene	961	41.7	"	1670		57.7	16-127				
2-Methylphenol	819	41.7	"	1670		49.1	10-146				
3- & 4-Methylphenols	869	41.7	"	1670		52.1	20-109				
Naphthalene	908	41.7	"	1670		54.5	20-121				
3-Nitroaniline	1220	83.3	"	1670		73.4	23-123				
2-Nitroaniline	1170	83.3	"	1670		69.9	24-126				
4-Nitroaniline	1050	83.3	"	1670		63.1	14-125				
Nitrobenzene	902	41.7	"	1670		54.1	20-121				
2-Nitrophenol	889	41.7	"	1670		53.3	17-129				
4-Nitrophenol	115	83.3	"	1670		6.92	10-136	Low Bias			
N-nitroso-di-n-propylamine	957	41.7	"	1670		57.4	21-119				
N-Nitrosodimethylamine	817	41.7	"	1670		49.0	10-124				
N-Nitrosodiphenylamine	987	41.7	"	1670		59.2	10-163				
Pentachlorophenol	803	41.7	"	1670		48.2	10-143				
Phenanthrene	1050	41.7	"	1670		63.1	24-123				
Phenol	841	41.7	"	1670		50.5	15-123				
Pyrene	1200	41.7	"	1670		72.2	24-132				
Pyridine	580	167	"	1670		34.8	10-92				
1,2,4-Trichlorobenzene	895	41.7	"	1670		53.7	23-130				
2,4,6-Trichlorophenol	1130	41.7	"	1670		68.0	27-122				
2,4,5-Trichlorophenol	996	41.7	"	1670		59.8	14-138				
Surrogate: 2-Fluorophenol	*1490*		*"*	*2500*		*59.4*	*10-95*				
Surrogate: Phenol-d5	*1380*		*"*	*2510*		*55.1*	*10-107*				
Surrogate: Nitrobenzene-d5	*978*		*"*	*1670*		*58.5*	*10-95*				
Surrogate: 2-Fluorobiphenyl	*982*		*"*	*1670*		*58.9*	*10-97*				
Surrogate: 2,4,6-Tribromophenol	*1200*		*"*	*2500*		*48.1*	*30-130*				
Surrogate: Terphenyl-d14	*1060*		*"*	*1670*		*63.2*	*19-99*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BF50613 - EPA 3550C

LCS Dup (BF50613-BSD1) Prepared & Analyzed: 06/12/2015

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Acenaphthene	936	41.7	ug/kg wet	1670		56.2	17-124		9.14	30	
Acenaphthylene	995	41.7	"	1670		59.7	16-124		4.07	30	
Aniline	722	167	"	1670		43.3	10-111		3.31	30	
Anthracene	952	41.7	"	1670		57.1	24-124		4.99	30	
Benzo(a)anthracene	995	41.7	"	1670		59.7	25-134		3.29	30	
Benzo(a)pyrene	1140	41.7	"	1670		68.3	29-144		6.00	30	
Benzo(b)fluoranthene	1290	41.7	"	1670		77.2	20-151		12.0	30	
Benzo(g,h,i)perylene	1060	41.7	"	1670		63.3	10-153		9.25	30	
Benzo(k)fluoranthene	809	41.7	"	1670		48.5	10-148		6.33	30	
Benzyl alcohol	936	41.7	"	1670		56.1	17-128		4.76	30	
Benzyl butyl phthalate	1150	41.7	"	1670		69.2	10-132		8.10	30	
4-Bromophenyl phenyl ether	871	41.7	"	1670		52.2	30-138		4.67	30	
4-Chloro-3-methylphenol	1050	41.7	"	1670		63.2	16-138		0.986	30	
4-Chloroaniline	1230	41.7	"	1670		74.1	10-117		2.72	30	
Bis(2-chloroethoxy)methane	882	41.7	"	1670		52.9	10-129		4.18	30	
Bis(2-chloroethyl)ether	877	41.7	"	1670		52.6	14-125		8.17	30	
Bis(2-chloroisopropyl)ether	868	41.7	"	1670		52.1	14-122		5.16	30	
2-Chloronaphthalene	964	41.7	"	1670		57.9	22-115		5.25	30	
2-Chlorophenol	879	41.7	"	1670		52.7	25-121		4.88	30	
4-Chlorophenyl phenyl ether	963	41.7	"	1670		57.8	18-132		0.0692	30	
Chrysene	945	41.7	"	1670		56.7	24-116		8.74	30	
Dibenzo(a,h)anthracene	1010	41.7	"	1670		60.8	17-147		8.63	30	
Dibenzofuran	928	41.7	"	1670		55.7	23-123		5.96	30	
Di-n-butyl phthalate	1020	41.7	"	1670		61.2	19-123		4.97	30	
1,3-Dichlorobenzene	803	41.7	"	1670		48.2	32-113		3.19	30	
1,4-Dichlorobenzene	846	41.7	"	1670		50.8	28-111		6.00	30	
1,2-Dichlorobenzene	861	41.7	"	1670		51.7	26-113		2.18	30	
3,3'-Dichlorobenzidine	1510	41.7	"	1670		90.7	10-147		4.53	30	
2,4-Dichlorophenol	971	41.7	"	1670		58.3	23-133		2.04	30	
Diethyl phthalate	1110	41.7	"	1670		66.7	23-122		2.81	30	
2,4-Dimethylphenol	892	41.7	"	1670		53.5	15-131		4.95	30	
Dimethyl phthalate	1180	41.7	"	1670		71.1	28-127		2.34	30	
4,6-Dinitro-2-methylphenol	715	83.3	"	1670		42.9	10-149		3.80	30	
2,4-Dinitrophenol	871	83.3	"	1670		52.3	10-149		5.10	30	
2,4-Dinitrotoluene	1260	41.7	"	1670		75.7	30-123		0.501	30	
2,6-Dinitrotoluene	1260	41.7	"	1670		75.8	30-125		3.40	30	
Di-n-octyl phthalate	1160	41.7	"	1670		69.7	10-132		3.94	30	
Bis(2-ethylhexyl)phthalate	1160	41.7	"	1670		69.6	10-141		0.601	30	
Fluoranthene	1000	41.7	"	1670		60.2	36-125		6.18	30	
Fluorene	994	41.7	"	1670		59.7	16-130		3.88	30	
Hexachlorobenzene	894	41.7	"	1670		53.6	10-129		1.92	30	
Hexachlorobutadiene	877	41.7	"	1670		52.6	22-153		0.228	30	
Hexachlorocyclopentadiene	767	41.7	"	1670		46.0	10-134		6.76	30	
Hexachloroethane	825	41.7	"	1670		49.5	20-112		1.29	30	
Indeno(1,2,3-cd)pyrene	1020	41.7	"	1670		61.2	10-155		8.00	30	
Isophorone	942	41.7	"	1670		56.5	14-131		7.10	30	
2-Methylnaphthalene	929	41.7	"	1670		55.7	16-127		3.42	30	
2-Methylphenol	776	41.7	"	1670		46.5	10-146		5.43	30	
3- & 4-Methylphenols	859	41.7	"	1670		51.6	20-109		1.08	30	
Naphthalene	892	41.7	"	1670		53.5	20-121		1.74	30	
3-Nitroaniline	1190	83.3	"	1670		71.7	23-123		2.34	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50613 - EPA 3550C											
LCS Dup (BF50613-BSD1)								Prepared & Analyzed: 06/12/2015			
2-Nitroaniline	1120	83.3	ug/kg wet	1670		67.3	24-126		3.88	30	
4-Nitroaniline	1050	83.3	"	1670		63.0	14-125		0.0952	30	
Nitrobenzene	847	41.7	"	1670		50.8	20-121		6.29	30	
2-Nitrophenol	837	41.7	"	1670		50.2	17-129		6.07	30	
4-Nitrophenol	113	83.3	"	1670		6.78	10-136	Low Bias	2.04	30	
N-nitroso-di-n-propylamine	893	41.7	"	1670		53.6	21-119		6.92	30	
N-Nitrosodimethylamine	872	41.7	"	1670		52.3	10-124		6.51	30	
N-Nitrosodiphenylamine	972	41.7	"	1670		58.3	10-163		1.57	30	
Pentachlorophenol	783	41.7	"	1670		47.0	10-143		2.44	30	
Phenanthrene	966	41.7	"	1670		58.0	24-123		8.43	30	
Phenol	800	41.7	"	1670		48.0	15-123		5.04	30	
Pyrene	1150	41.7	"	1670		69.3	24-132		4.10	30	
Pyridine	571	167	"	1670		34.2	10-92		1.68	30	
1,2,4-Trichlorobenzene	859	41.7	"	1670		51.6	23-130		4.10	30	
2,4,6-Trichlorophenol	1080	41.7	"	1670		64.7	27-122		5.03	30	
2,4,5-Trichlorophenol	948	41.7	"	1670		56.9	14-138		4.97	30	
Surrogate: 2-Fluorophenol	*1410*		*"*	*2500*		*56.3*	*10-95*				
Surrogate: Phenol-d5	*1290*		*"*	*2510*		*51.3*	*10-107*				
Surrogate: Nitrobenzene-d5	*907*		*"*	*1670*		*54.3*	*10-95*				
Surrogate: 2-Fluorobiphenyl	*906*		*"*	*1670*		*54.4*	*10-97*				
Surrogate: 2,4,6-Tribromophenol	*1140*		*"*	*2500*		*45.8*	*30-130*				
Surrogate: Terphenyl-d14	*1000*		*"*	*1670*		*59.9*	*19-99*				

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 BF50640 - EPA 3550C											
Blank (BF50640-BLK1)											Prepared: 06/12/2015 Analyzed: 06/15/2015
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	"								
alpha-Chlordane	ND	0.330	"								
beta-BHC	ND	0.330	"								
Chlordane, total	ND	13.2	"								
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	"								
gamma-Chlordane	ND	0.330	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
Toxaphene	ND	16.7	"								
Surrogate: Tetrachloro-m-xylene	*45.5*		*"*	*67.7*		*67.3*	*30-140*				
Surrogate: Decachlorobiphenyl	*48.8*		*"*	*67.0*		*72.8*	*30-140*				
LCS (BF50640-BS1)											Prepared: 06/12/2015 Analyzed: 06/15/2015
4,4'-DDD	28.4	0.330	ug/kg wet	33.3		85.3	40-140				
4,4'-DDE	24.5	0.330	"	33.3		73.4	40-140				
4,4'-DDT	28.9	0.330	"	33.3		86.6	40-140				
Aldrin	24.1	0.330	"	33.3		72.3	40-140				
alpha-BHC	26.1	0.330	"	33.3		78.3	40-140				
alpha-Chlordane	24.3	0.330	"	33.3		72.9	40-140				
beta-BHC	28.5	0.330	"	33.3		85.6	40-140				
delta-BHC	28.0	0.330	"	33.3		83.9	40-140				
Dieldrin	25.9	0.330	"	33.3		77.7	40-140				
Endosulfan I	27.1	0.330	"	33.3		81.3	40-140				
Endosulfan II	26.4	0.330	"	33.3		79.1	40-140				
Endosulfan sulfate	26.7	0.330	"	33.3		80.1	40-140				
Endrin	28.0	0.330	"	33.3		83.9	40-140				
Endrin aldehyde	25.2	0.330	"	33.3		75.7	40-140				
Endrin ketone	37.8	0.330	"	33.3		113	40-140				
gamma-BHC (Lindane)	26.5	0.330	"	33.3		79.4	40-140				
gamma-Chlordane	24.0	0.330	"	33.3		72.1	40-140				
Heptachlor	21.7	0.330	"	33.3		65.2	40-140				
Heptachlor epoxide	24.1	0.330	"	33.3		72.2	40-140				
Methoxychlor	27.1	1.65	"	33.3		81.4	40-140				
Surrogate: Tetrachloro-m-xylene	*44.2*		*"*	*67.7*		*65.3*	*30-140*				
Surrogate: Decachlorobiphenyl	*53.4*		*"*	*67.0*		*79.7*	*30-140*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50640 - EPA 3550C											
LCS Dup (BF50640-BSD1)									Prepared: 06/12/2015 Analyzed: 06/15/2015		
4,4'-DDD	31.6	0.330	ug/kg wet	33.3		94.7	40-140		10.5	30	
4,4'-DDE	27.4	0.330	"	33.3		82.2	40-140		11.3	30	
4,4'-DDT	32.0	0.330	"	33.3		95.9	40-140		10.2	30	
Aldrin	27.0	0.330	"	33.3		81.2	40-140		11.5	30	
alpha-BHC	29.6	0.330	"	33.3		88.7	40-140		12.4	30	
alpha-Chlordane	26.8	0.330	"	33.3		80.4	40-140		9.70	30	
beta-BHC	32.2	0.330	"	33.3		96.6	40-140		12.0	30	
delta-BHC	31.5	0.330	"	33.3		94.4	40-140		11.7	30	
Dieldrin	28.8	0.330	"	33.3		86.3	40-140		10.4	30	
Endosulfan I	30.1	0.330	"	33.3		90.3	40-140		10.5	30	
Endosulfan II	29.9	0.330	"	33.3		89.6	40-140		12.5	30	
Endosulfan sulfate	29.3	0.330	"	33.3		87.9	40-140		9.24	30	
Endrin	31.1	0.330	"	33.3		93.3	40-140		10.5	30	
Endrin aldehyde	27.7	0.330	"	33.3		83.1	40-140		9.33	30	
Endrin ketone	40.6	0.330	"	33.3		122	40-140		7.09	30	
gamma-BHC (Lindane)	29.7	0.330	"	33.3		89.1	40-140		11.5	30	
gamma-Chlordane	26.4	0.330	"	33.3		79.3	40-140		9.58	30	
Heptachlor	24.5	0.330	"	33.3		73.6	40-140		12.1	30	
Heptachlor epoxide	26.7	0.330	"	33.3		80.1	40-140		10.4	30	
Methoxychlor	29.7	1.65	"	33.3		89.0	40-140		8.88	30	
Surrogate: Tetrachloro-m-xylene	*48.0*		*"*	*67.7*		*70.9*	*30-140*				
Surrogate: Decachlorobiphenyl	*50.1*		*"*	*67.0*		*74.8*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50640 - EPA 3550C											
Blank (BF50640-BLK1)											Prepared: 06/12/2015 Analyzed: 06/15/2015
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0600*		*"*	*0.0677*		*88.7*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0563*		*"*	*0.0670*		*84.1*	*30-140*				
LCS (BF50640-BS2)											Prepared: 06/12/2015 Analyzed: 06/15/2015
Aroclor 1016	0.318	0.0167	mg/kg wet	0.333		95.4	40-130				
Aroclor 1260	0.311	0.0167	"	0.333		93.4	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0537*		*"*	*0.0677*		*79.3*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0490*		*"*	*0.0670*		*73.1*	*30-140*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50699 - EPA 3050B											
Blank (BF50699-BLK1)											Prepared & Analyzed: 06/15/2015
Aluminum	ND	5.00	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 (BF50699-SRM1)											Prepared & Analyzed: 06/15/2015
Aluminum	7860	5.00	mg/kg wet	8740		90.0	41.6-158				
Antimony	90.8	0.500	"	108		84.1	23-255				
Arsenic	131	1.00	"	151		86.8	70.9-130				
Barium	267	1.00	"	262		102	73.7-126				
Beryllium	128	0.100	"	133		96.1	75.1-125				
Cadmium	128	0.300	"	152		84.4	73-126				
Calcium	6210	5.00	"	6400		97.0	73.9-126				
Chromium	118	0.500	"	117		101	69.7-130				
Cobalt	68.4	0.500	"	68.7		99.6	74.4-126				
Copper	74.2	0.500	"	68.6		108	73.2-129				
Iron	12400	2.00	"	12300		101	30.5-170				
Lead	211	0.300	"	254		83.2	75.6-125				
Magnesium	3360	5.00	"	3600		93.4	68.3-132				
Manganese	552	0.500	"	563		98.0	77.4-123				
Nickel	314	0.500	"	315		99.8	74.3-127				
Potassium	2820	5.00	"	3040		92.9	62.5-137				
Selenium	143	1.00	"	162		88.3	67.3-132				
Silver	42.8	0.500	"	44.3		96.7	66.4-124				
Sodium	771	10.0	"	746		103	56.8-143				
Thallium	218	1.00	"	259		84.1	69.5-131				
Vanadium	112	1.00	"	116		96.8	67.5-132				
Zinc	292	1.00	"	306		95.4	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 BF50611 - EPA 7473 soil											
Blank (BF50611-BLK1)									Prepared & Analyzed: 06/12/2015		
Mercury	ND	0.0300	mg/kg wet								
Reference (BF50611-SRM1)									Prepared & Analyzed: 06/12/2015		
Mercury	5.0094		mg/kg	5.76		87.0	71.2-129				

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 BF50734 - EPA SW846-3060											
Blank (BF50734-BLK1)									Prepared & Analyzed: 06/16/2015		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BF50734-SRM1)									Prepared & Analyzed: 06/16/2015		
Chromium, Hexavalent	90.8		mg/L	97.4		93.2	26.6-178				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15F0434-01	SP-2 (0-2')	40mL Vial with Stir Bar-Cool 4° C
15F0434-02	SP-2 (10-12')	40mL Vial with Stir Bar-Cool 4° C
15F0434-03	SP-5 (0-2')	40mL Vial with Stir Bar-Cool 4° C
15F0434-04	SP-5 (10-12')	40mL Vial with Stir Bar-Cool 4° C
15F0434-05	SP-6 (0-2')	40mL Vial with Stir Bar-Cool 4° C
15F0434-06	SP-6 (10-12')	40mL Vial with Stir Bar-Cool 4° C

Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
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.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

---

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. ~~15~~ 15F0434

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Hydro Tech Env Corp	SAME [X]	SAME [ ]	#150133 200 East 135th Street Bronx, NY	RUSH-Same Day	Summary Report X
Address: 15 Ocean Ave, 2nd Floor	Name:	Name: Muslima Ward		RUSH-Next Day	QA Report X
Brooklyn NY 11225	Company:	Company: Hydro Tech Env	Purchase Order #	RUSH-Two Day	CT RCP
Phone.: (718) 636-0800	Address:	Address: 77 Arkay Drive Suite G	5880	RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Morgan Violette		Hauppauge, NY 11788		RUSH-Four Day X	NY ASP A Package
E-mail: mviolette@hydrotechenvironmental.com	E-mail:	E-mail mward@hydrotechenvir	Samples from CT__NY_X_NJ__	Standard (5-7day)	NY ASP B Package
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS X
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to: NYSDEC Part 375 Unrestricted SCO - Residential SCO
					OTHER:

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

Adriana Zapata A.
Samples Collected/Authorized By (Signature)

Adriana Zapata
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxin/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
SP-2 (0-2')	6/10/15 @ 1055	S	EPA 8260, 8270, 8081/8082, TAL metals, Chromium hexavalent & trivalent	1 TerraCore set, 1 8oz clear jar
SP-2 (10-12')	6/10/15 @ 1115	S	"	1 TerraCore set, 1 8oz clear jar
SP-5 (0-2')	6/10/15 @ 1030	S	"	1 TerraCore set, 1 8oz clear jar
SP-5 (10-12')	6/10/15 @ 1105	S	"	1 TerraCore set, 1 8oz clear jar
SP-6 (0-2')	6/10/15 @ 1315	S	"	"
SP-6 (10-12')	6/10/15 @ 1350	S	"	"

Comments:

E designation
Please have results in 4-6 days as per Hydro Tech agreement

Preservation (check all appliciable)

4°C ____ Frozen ____ HCl ____ MeOH ____ HNO_3 ____ H_2SO_4 ____ NaOH ____
ZnAc ____ Ascorbic Acid ____ Other ____

Special Instructions

Samples Relinquished By — Date/Time: 6-11-15 @ 1725
Samples Received By — Date/Time: 6/11/15
Temp on R

Grace 6-11-15 1824 @ 4.4 c

Appendix H: Laboratory Data Deliverables for Groundwater Analytical Data

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Morgan Violette

Report Date: 07/08/2015
Client Project ID: #150133 200 East 135th Street Bronx, NY
York Project (SDG) No.: 15G0053

Report Date: 07/08/2015
Client Project ID: #150133 200 East 135th Street Bronx, NY
York Project (SDG) No.: 15G0053

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Morgan Violette

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 July 01, 2015 and listed below. The project was identified as your project: **#150133 200 East 135th Street Bronx, NY**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
15G0053-01	MW-2	Water	07/01/2015	07/01/2015

General Notes for York Project (SDG) No.: 15G0053

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

Approved By: 

Date: 07/08/2015

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 15G0053-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0053	#150133 200 East 135th Street Bronx, NY	Water	July 1, 2015 12:00 pm	07/01/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS NELAC-NY10854,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS NELAC-NY10854,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS NELAC-NY10854,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS NELAC-NY10854,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS NELAC-NY10854,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS CTDOH,NELAC-NY10854,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS NELAC-NY10854,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00	07/08/2015 08:03	SS CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 15G0053-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0053	#150133 200 East 135th Street Bronx, NY	Water	July 1, 2015 12:00 pm	07/01/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 15G0053-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0053	#150133 200 East 135th Street Bronx, NY	Water	July 1, 2015 12:00 pm	07/01/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	07/07/2015 17:00 NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,PADEP	07/08/2015 08:03	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,PADEP	07/08/2015 08:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 NELAC-NY10854,NJDEP	07/08/2015 08:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/08/2015 08:03	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	07/07/2015 17:00 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:03	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*97.3 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.8 %*	*81-114*

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **15G0053-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0053	#150133 200 East 135th Street Bronx, NY	Water	July 1, 2015 12:00 pm	07/01/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 14:16	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 14:16	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
120-12-7	**Anthracene**	**0.0718**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 14:16	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 14:16	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 14:16	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 14:16	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 14:16	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 14:16	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 14:16	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 14:16	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **15G0053-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0053	#150133 200 East 135th Street Bronx, NY	Water	July 1, 2015 12:00 pm	07/01/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 NELAC-NY10854	07/08/2015 13:16	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 NELAC-NY10854	07/08/2015 13:16	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 NELAC-NY10854	07/08/2015 13:16	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.790**		ug/L	0.513	0.513	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 14:16	KH
206-44-0	**Fluoranthene**	**0.0513**	J	ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 14:16	KH
86-73-7	**Fluorene**	**0.0718**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	07/08/2015 08:10 NELAC-NY10854,NJDEP	07/08/2015 14:16	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 14:16	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 14:16	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 14:16	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 14:16	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	07/08/2015 08:10 CTDOH,NELAC-NY10854,NJDEP	07/08/2015 13:16	KH

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 15G0053-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0053	#150133 200 East 135th Street Bronx, NY	Water	July 1, 2015 12:00 pm	07/01/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 13:16	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 13:16	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 13:16	KH
91-20-3	**Naphthalene**	**0.256**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 14:16	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 13:16	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 13:16	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 13:16	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 14:16	KH
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 13:16	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 13:16	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 13:16	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 14:16	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 13:16	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 14:16	KH
85-01-8	**Phenanthrene**	**0.195**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 14:16	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 13:16	KH
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 14:16	KH
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 13:16	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 13:16	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 13:16	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:10	07/08/2015 13:16	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*16.7 %*	*10-65*
4165-62-2	*Surrogate: Phenol-d5*	*11.3 %*	*10-49*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*41.9 %*	*10-96*

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 15G0053-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0053	#150133 200 East 135th Street Bronx, NY	Water	July 1, 2015 12:00 pm	07/01/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*35.2 %*			*10-93*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*32.3 %*			*10-128*						
1718-51-0	*Surrogate: Terphenyl-d14*	*38.2 %*			*10-100*						

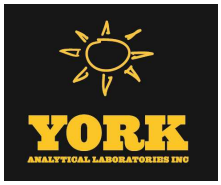
Pesticides, 8081 target list

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
72-54-8	4,4'-DDD	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC
309-00-2	Aldrin	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC
319-85-7	beta-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0457	0.0457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC
319-86-8	delta-BHC	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC
60-57-1	Dieldrin	ND		ug/L	0.00229	0.00229	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC
72-20-8	Endrin	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0114	0.0114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC
76-44-8	Heptachlor	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC



Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **15G0053-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0053	#150133 200 East 135th Street Bronx, NY	Water	July 1, 2015 12:00 pm	07/01/2015

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
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00457	0.00457	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC
8001-35-2	Toxaphene	ND		ug/L	0.114	0.114	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	07/08/2015 08:05	07/08/2015 14:52	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*37.4 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.1 %*	*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	0.0571	0.0571	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	07/08/2015 08:05	07/08/2015 15:38	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	07/08/2015 08:05	07/08/2015 15:38	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	07/08/2015 08:05	07/08/2015 15:38	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	07/08/2015 08:05	07/08/2015 15:38	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	07/08/2015 08:05	07/08/2015 15:38	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	07/08/2015 08:05	07/08/2015 15:38	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	07/08/2015 08:05	07/08/2015 15:38	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0571	0.0571	1	EPA 8082A Certifications:	07/08/2015 08:05	07/08/2015 15:38	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.2 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.2 %*	*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**	**0.129**		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:15	07/08/2015 05:09	AMC
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:15	07/08/2015 05:09	AMC

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 15G0053-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0053	#150133 200 East 135th Street Bronx, NY	Water	July 1, 2015 12:00 pm	07/01/2015

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
7440-38-2	**Arsenic**	**0.014**		mg/L	0.004	0.004	1	EPA 6010C	07/07/2015 16:15	07/08/2015 05:09	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-39-3	**Barium**	**0.105**		mg/L	0.010	0.010	1	EPA 6010C	07/07/2015 16:15	07/08/2015 05:09	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	07/07/2015 16:15	07/08/2015 05:09	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	07/07/2015 16:15	07/08/2015 05:09	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-70-2	**Calcium**	**215**		mg/L	0.050	0.050	1	EPA 6010C	07/07/2015 16:15	07/08/2015 05:09	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	07/07/2015 16:15	07/08/2015 05:09	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	07/07/2015 16:15	07/08/2015 05:09	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-50-8	**Copper**	**0.012**		mg/L	0.003	0.003	1	EPA 6010C	07/07/2015 16:15	07/08/2015 05:09	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-89-6	**Iron**	**17.7**		mg/L	0.020	0.020	1	EPA 6010C	07/07/2015 16:15	07/08/2015 05:09	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-92-1	**Lead**	**0.006**		mg/L	0.003	0.003	1	EPA 6010C	07/07/2015 16:15	07/08/2015 05:09	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-95-4	**Magnesium**	**41.5**		mg/L	0.050	0.050	1	EPA 6010C	07/07/2015 16:15	07/08/2015 05:09	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-96-5	**Manganese**	**3.55**		mg/L	0.005	0.005	1	EPA 6010C	07/07/2015 16:15	07/08/2015 05:09	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	07/07/2015 16:15	07/08/2015 05:09	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-09-7	**Potassium**	**26.3**		mg/L	0.050	0.050	1	EPA 6010C	07/07/2015 16:15	07/08/2015 05:09	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	07/07/2015 16:15	07/08/2015 05:09	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	07/07/2015 16:15	07/08/2015 05:09	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-23-5	**Sodium**	**169**		mg/L	0.100	0.100	1	EPA 6010C	07/07/2015 16:15	07/08/2015 05:09	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	07/07/2015 16:15	07/08/2015 05:09	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	07/07/2015 16:15	07/08/2015 05:09	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**0.031**		mg/L	0.010	0.010	1	EPA 6010C	07/07/2015 16:15	07/08/2015 05:09	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Metals, Target Analyte, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

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

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 15G0053-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0053	#150133 200 East 135th Street Bronx, NY	Water	July 1, 2015 12:00 pm	07/01/2015

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	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7440-38-2	**Arsenic**	**0.006**		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7440-39-3	**Barium**	**0.057**		mg/L	0.010	0.010	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7440-70-2	**Calcium**	**214**		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7440-50-8	**Copper**	**0.006**		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7439-89-6	**Iron**	**0.160**		mg/L	0.020	0.020	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7439-95-4	**Magnesium**	**40.7**		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7439-96-5	**Manganese**	**3.26**		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7440-09-7	**Potassium**	**25.9**		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7440-23-5	**Sodium**	**170**		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC
7440-66-6	Zinc	ND		mg/L	0.010	0.010	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/07/2015 16:17	07/08/2015 06:08	AMC

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 15G0053-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0053	#150133 200 East 135th Street Bronx, NY	Water	July 1, 2015 12:00 pm	07/01/2015

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	07/04/2015 12:32	07/06/2015 17:28	AA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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	07/04/2015 12:32	07/06/2015 17:28	AA
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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		mg/L	0.0100	0.0100	1	EPA 7196A	07/01/2015 18:37	07/01/2015 18:38	SCA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP		

Chromium, Trivalent

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
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.00800	0.0100	1	Calculation	07/08/2015 15:45	07/08/2015 15:45	SCA
								Certifications:			

Analytical Batch Summary

Batch ID: BG50086 **Preparation Method:** Analysis Preparation **Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
15G0053-01	MW-2	07/01/15
BG50086-BLK1	Blank	07/01/15
BG50086-BS1	LCS	07/01/15

Batch ID: BG50165 **Preparation Method:** EPA 7473 water **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
15G0053-01	MW-2	07/04/15
BG50165-BLK1	Blank	07/04/15
BG50165-SRM1	Reference	07/04/15

Batch ID: BG50311 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15G0053-01	MW-2	07/07/15
BG50311-BLK1	Blank	07/07/15
BG50311-BS1	LCS	07/07/15
BG50311-BSD1	LCS Dup	07/07/15
BG50311-DUP1	Duplicate	07/07/15
BG50311-MS1	Matrix Spike	07/07/15

Batch ID: BG50320 **Preparation Method:** EPA 3010A **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
15G0053-01	MW-2	07/07/15
BG50320-BLK1	Blank	07/07/15
BG50320-DUP1	Duplicate	07/07/15
BG50320-MS1	Matrix Spike	07/07/15
BG50320-SRM1	Reference	07/07/15
BG50320-SRM2	Reference	07/07/15

Batch ID: BG50322 **Preparation Method:** EPA 3010A **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
15G0053-01	MW-2	07/07/15
BG50322-BLK1	Blank	07/07/15
BG50322-SRM1	Reference	07/07/15
BG50322-SRM2	Reference	07/07/15

Batch ID: BG50336 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date

15G0053-01	MW-2	07/08/15
15G0053-01	MW-2	07/08/15

Batch ID: BG50339 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15G0053-01	MW-2	07/08/15
BG50339-BS1	LCS	07/08/15
BG50339-BS2	LCS	07/08/15
BG50339-BSD1	LCS Dup	07/08/15

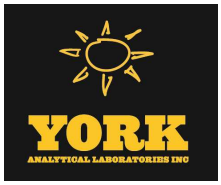
Batch ID: BG50398 **Preparation Method:** Analysis Preparation **Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
15G0053-01	MW-2	07/08/15

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 BG50311 - EPA 5030B											
Blank (BG50311-BLK1)											
Prepared: 07/07/2015 Analyzed: 07/08/2015											
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

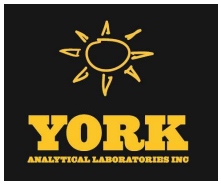
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50311 - EPA 5030B											
Blank (BG50311-BLK1)									Prepared: 07/07/2015 Analyzed: 07/08/2015		
p- & m- Xylenes	ND	10	ug/L								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*49.0*		*"*	*50.0*		*98.0*	*65-135*				
Surrogate: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*86-118*				
Surrogate: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.4*	*81-114*				
LCS (BG50311-BS1)									Prepared: 07/07/2015 Analyzed: 07/08/2015		
1,1,1,2-Tetrachloroethane	54.8		ug/L	50.0		110	70-132				
1,1,1-Trichloroethane	56.6		"	50.0		113	68-138				
1,1,2,2-Tetrachloroethane	56.0		"	50.0		112	73-132				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.9		"	50.0		104	67-136				
1,1,2-Trichloroethane	56.2		"	50.0		112	79-125				
1,1-Dichloroethane	54.2		"	50.0		108	78-128				
1,1-Dichloroethylene	48.8		"	50.0		97.5	68-134				
1,1-Dichloropropylene	55.0		"	50.0		110	74-130				
1,2,3-Trichlorobenzene	59.7		"	50.0		119	77-140				
1,2,3-Trichloropropane	57.0		"	50.0		114	79-127				
1,2,4-Trichlorobenzene	57.8		"	50.0		116	75-141				
1,2,4-Trimethylbenzene	55.8		"	50.0		112	78-127				
1,2-Dibromo-3-chloropropane	52.9		"	50.0		106	60-150				
1,2-Dibromoethane	56.6		"	50.0		113	86-123				
1,2-Dichlorobenzene	54.8		"	50.0		110	79-125				
1,2-Dichloroethane	47.9		"	50.0		95.8	69-133				
1,2-Dichloropropane	48.4		"	50.0		96.7	76-124				
1,3,5-Trimethylbenzene	57.4		"	50.0		115	78-128				
1,3-Dichlorobenzene	53.8		"	50.0		108	81-124				
1,3-Dichloropropane	52.1		"	50.0		104	79-125				
1,4-Dichlorobenzene	54.7		"	50.0		109	82-124				
2,2-Dichloropropane	52.2		"	50.0		104	61-139				
2-Butanone	52.2		"	50.0		104	44-169				
2-Chlorotoluene	54.0		"	50.0		108	74-130				
4-Chlorotoluene	56.2		"	50.0		112	75-127				
Acetone	37.9		"	50.0		75.8	29-163				
Benzene	57.3		"	50.0		115	72-134				
Bromobenzene	53.6		"	50.0		107	74-129				
Bromochloromethane	49.7		"	50.0		99.3	69-134				
Bromodichloromethane	53.3		"	50.0		107	76-127				
Bromoform	59.0		"	50.0		118	77-137				
Bromomethane	53.4		"	50.0		107	50-156				
Carbon tetrachloride	57.2		"	50.0		114	62-145				

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 BG50311 - EPA 5030B											
LCS (BG50311-BS1)									Prepared: 07/07/2015 Analyzed: 07/08/2015		
Chlorobenzene	54.8		ug/L	50.0		110	85-119				
Chloroethane	44.0		"	50.0		88.0	49-143				
Chloroform	57.6		"	50.0		115	74-131				
Chloromethane	46.2		"	50.0		92.3	43-134				
cis-1,2-Dichloroethylene	59.5		"	50.0		119	73-134				
cis-1,3-Dichloropropylene	52.4		"	50.0		105	77-128				
Dibromochloromethane	56.6		"	50.0		113	79-130				
Dibromomethane	54.3		"	50.0		109	78-128				
Dichlorodifluoromethane	49.5		"	50.0		98.9	38-139				
Ethyl Benzene	53.2		"	50.0		106	80-129				
Hexachlorobutadiene	53.6		"	50.0		107	72-141				
Isopropylbenzene	57.1		"	50.0		114	76-128				
Methyl tert-butyl ether (MTBE)	60.4		"	50.0		121	64-142				
Methylene chloride	46.6		"	50.0		93.2	56-142				
Naphthalene	62.0		"	50.0		124	79-144				
n-Butylbenzene	52.2		"	50.0		104	74-132				
n-Propylbenzene	56.0		"	50.0		112	72-135				
o-Xylene	52.4		"	50.0		105	81-123				
p- & m- Xylenes	107		"	100		107	79-130				
p-Isopropyltoluene	56.9		"	50.0		114	80-127				
sec-Butylbenzene	56.2		"	50.0		112	78-127				
Styrene	55.6		"	50.0		111	82-124				
tert-Butylbenzene	57.4		"	50.0		115	75-131				
Tetrachloroethylene	55.6		"	50.0		111	78-133				
Toluene	55.2		"	50.0		110	83-122				
trans-1,2-Dichloroethylene	52.4		"	50.0		105	59-145				
trans-1,3-Dichloropropylene	51.3		"	50.0		103	74-131				
Trichloroethylene	53.8		"	50.0		108	81-125				
Trichlorofluoromethane	52.5		"	50.0		105	61-144				
Vinyl acetate	56.2		"	50.0		112	32-165				
Vinyl Chloride	46.4		"	50.0		92.9	42-136				
Surrogate: 1,2-Dichloroethane-d4	*43.3*		*"*	*50.0*		*86.6*	*65-135*				
Surrogate: Toluene-d8	*49.2*		*"*	*50.0*		*98.5*	*86-118*				
Surrogate: p-Bromofluorobenzene	*53.4*		*"*	*50.0*		*107*	*81-114*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50311 - EPA 5030B											
LCS Dup (BG50311-BSD1)								Prepared: 07/07/2015 Analyzed: 07/08/2015			
1,1,1,2-Tetrachloroethane	54.5		ug/L	50.0		109	70-132		0.494	30	
1,1,1-Trichloroethane	56.2		"	50.0		112	68-138		0.815	30	
1,1,2,2-Tetrachloroethane	55.8		"	50.0		112	73-132		0.394	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.8		"	50.0		106	67-136		1.74	30	
1,1,2-Trichloroethane	56.0		"	50.0		112	79-125		0.339	30	
1,1-Dichloroethane	54.5		"	50.0		109	78-128		0.589	30	
1,1-Dichloroethylene	48.6		"	50.0		97.2	68-134		0.308	30	
1,1-Dichloropropylene	54.7		"	50.0		109	74-130		0.674	30	
1,2,3-Trichlorobenzene	60.4		"	50.0		121	77-140		1.28	30	
1,2,3-Trichloropropane	58.3		"	50.0		117	79-127		2.25	30	
1,2,4-Trichlorobenzene	57.8		"	50.0		116	75-141		0.121	30	
1,2,4-Trimethylbenzene	57.5		"	50.0		115	78-127		2.98	30	
1,2-Dibromo-3-chloropropane	56.1		"	50.0		112	60-150		5.89	30	
1,2-Dibromoethane	56.0		"	50.0		112	86-123		1.15	30	
1,2-Dichlorobenzene	55.1		"	50.0		110	79-125		0.473	30	
1,2-Dichloroethane	49.2		"	50.0		98.4	69-133		2.72	30	
1,2-Dichloropropane	48.5		"	50.0		97.0	76-124		0.310	30	
1,3,5-Trimethylbenzene	58.1		"	50.0		116	78-128		1.16	30	
1,3-Dichlorobenzene	55.1		"	50.0		110	81-124		2.33	30	
1,3-Dichloropropane	52.0		"	50.0		104	79-125		0.154	30	
1,4-Dichlorobenzene	55.2		"	50.0		110	82-124		1.02	30	
2,2-Dichloropropane	52.5		"	50.0		105	61-139		0.497	30	
2-Butanone	53.8		"	50.0		108	44-169		3.11	30	
2-Chlorotoluene	59.6		"	50.0		119	74-130		9.78	30	
4-Chlorotoluene	51.1		"	50.0		102	75-127		9.57	30	
Acetone	56.7		"	50.0		113	29-163		39.8	30	Non-dir.
Benzene	57.6		"	50.0		115	72-134		0.435	30	
Bromobenzene	55.3		"	50.0		111	74-129		3.05	30	
Bromochloromethane	49.1		"	50.0		98.1	69-134		1.20	30	
Bromodichloromethane	53.5		"	50.0		107	76-127		0.487	30	
Bromoform	59.9		"	50.0		120	77-137		1.46	30	
Bromomethane	50.9		"	50.0		102	50-156		4.70	30	
Carbon tetrachloride	57.1		"	50.0		114	62-145		0.175	30	
Chlorobenzene	55.9		"	50.0		112	85-119		2.06	30	
Chloroethane	44.4		"	50.0		88.8	49-143		0.950	30	
Chloroform	57.9		"	50.0		116	74-131		0.554	30	
Chloromethane	46.2		"	50.0		92.4	43-134		0.152	30	
cis-1,2-Dichloroethylene	58.4		"	50.0		117	73-134		1.88	30	
cis-1,3-Dichloropropylene	51.8		"	50.0		104	77-128		1.27	30	
Dibromochloromethane	55.0		"	50.0		110	79-130		2.89	30	
Dibromomethane	53.7		"	50.0		107	78-128		1.15	30	
Dichlorodifluoromethane	51.4		"	50.0		103	38-139		3.89	30	
Ethyl Benzene	54.5		"	50.0		109	80-129		2.34	30	
Hexachlorobutadiene	56.0		"	50.0		112	72-141		4.49	30	
Isopropylbenzene	59.0		"	50.0		118	76-128		3.33	30	
Methyl tert-butyl ether (MTBE)	59.1		"	50.0		118	64-142		2.12	30	
Methylene chloride	45.0		"	50.0		89.9	56-142		3.65	30	
Naphthalene	63.0		"	50.0		126	79-144		1.63	30	
n-Butylbenzene	55.4		"	50.0		111	74-132		6.02	30	
n-Propylbenzene	57.5		"	50.0		115	72-135		2.78	30	
o-Xylene	53.9		"	50.0		108	81-123		2.80	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

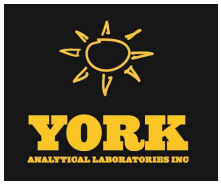
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50311 - EPA 5030B											
LCS Dup (BG50311-BSD1)									Prepared: 07/07/2015 Analyzed: 07/08/2015		
p- & m- Xylenes	107		ug/L	100		107	79-130		0.140	30	
p-Isopropyltoluene	58.3		"	50.0		117	80-127		2.45	30	
sec-Butylbenzene	57.5		"	50.0		115	78-127		2.13	30	
Styrene	55.8		"	50.0		112	82-124		0.359	30	
tert-Butylbenzene	58.1		"	50.0		116	75-131		1.26	30	
Tetrachloroethylene	72.4		"	50.0		145	78-133	High Bias	26.2	30	
Toluene	54.7		"	50.0		109	83-122		1.00	30	
trans-1,2-Dichloroethylene	53.9		"	50.0		108	59-145		2.84	30	
trans-1,3-Dichloropropylene	51.0		"	50.0		102	74-131		0.723	30	
Trichloroethylene	55.2		"	50.0		110	81-125		2.73	30	
Trichlorofluoromethane	52.1		"	50.0		104	61-144		0.765	30	
Vinyl acetate	49.2		"	50.0		98.3	32-165		13.4	30	
Vinyl Chloride	46.3		"	50.0		92.5	42-136		0.345	30	
Surrogate: 1,2-Dichloroethane-d4	*44.8*		*"*	*50.0*		*89.6*	*65-135*				
Surrogate: Toluene-d8	*49.3*		*"*	*50.0*		*98.7*	*86-118*				
Surrogate: p-Bromofluorobenzene	*53.9*		*"*	*50.0*		*108*	*81-114*				
Duplicate (BG50311-DUP1)	*Source sample: 15G0053-01 (MW-2)								Prepared: 07/07/2015 Analyzed: 07/08/2015		
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L		ND					200	
1,1,1-Trichloroethane	ND	5.0	"		ND					200	
1,1,2,2-Tetrachloroethane	ND	5.0	"		ND					200	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"		ND					200	
1,1,2-Trichloroethane	ND	5.0	"		ND					200	
1,1-Dichloroethane	ND	5.0	"		ND					200	
1,1-Dichloroethylene	ND	5.0	"		ND					200	
1,1-Dichloropropylene	ND	5.0	"		ND					200	
1,2,3-Trichlorobenzene	ND	5.0	"		ND					200	
1,2,3-Trichloropropane	ND	5.0	"		ND					200	
1,2,4-Trichlorobenzene	ND	5.0	"		ND					200	
1,2,4-Trimethylbenzene	ND	5.0	"		ND					200	
1,2-Dibromo-3-chloropropane	ND	5.0	"		ND					200	
1,2-Dibromoethane	ND	5.0	"		ND					200	
1,2-Dichlorobenzene	ND	5.0	"		ND					200	
1,2-Dichloroethane	ND	5.0	"		ND					200	
1,2-Dichloropropane	ND	5.0	"		ND					200	
1,3,5-Trimethylbenzene	ND	5.0	"		ND					200	
1,3-Dichlorobenzene	ND	5.0	"		ND					200	
1,3-Dichloropropane	ND	5.0	"		ND					200	
1,4-Dichlorobenzene	ND	5.0	"		ND					200	
2,2-Dichloropropane	ND	5.0	"		ND					200	
2-Butanone	ND	5.0	"		ND					200	
2-Chlorotoluene	ND	5.0	"		ND					200	
4-Chlorotoluene	ND	5.0	"		ND					200	
Acetone	ND	10	"		ND					200	
Benzene	ND	5.0	"		ND					200	
Bromobenzene	ND	5.0	"		ND					200	
Bromochloromethane	ND	5.0	"		ND					200	
Bromodichloromethane	ND	5.0	"		ND					200	
Bromoform	ND	5.0	"		ND					200	
Bromomethane	ND	5.0	"		ND					200	
Carbon tetrachloride	ND	5.0	"		ND					200	
Chlorobenzene	ND	5.0	"		ND					200	

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 BG50311 - EPA 5030B											
Duplicate (BG50311-DUP1)	*Source sample: 15G0053-01 (MW-2)								Prepared: 07/07/2015 Analyzed: 07/08/2015		
Chloroethane	ND	5.0	ug/L		ND					200	
Chloroform	ND	5.0	"		ND					200	
Chloromethane	ND	5.0	"		ND					200	
cis-1,2-Dichloroethylene	ND	5.0	"		ND					200	
cis-1,3-Dichloropropylene	ND	5.0	"		ND					200	
Dibromochloromethane	ND	5.0	"		ND					200	
Dibromomethane	ND	5.0	"		ND					200	
Dichlorodifluoromethane	ND	5.0	"		ND					200	
Ethyl Benzene	ND	5.0	"		ND					200	
Hexachlorobutadiene	ND	5.0	"		ND					200	
Isopropylbenzene	ND	5.0	"		ND					200	
Methyl tert-butyl ether (MTBE)	ND	5.0	"		ND					200	
Methylene chloride	ND	10	"		ND					200	
Naphthalene	ND	10	"		ND					200	
n-Butylbenzene	ND	5.0	"		ND					200	
n-Propylbenzene	ND	5.0	"		ND					200	
o-Xylene	ND	5.0	"		ND					200	
p- & m- Xylenes	ND	10	"		ND					200	
p-Isopropyltoluene	ND	5.0	"		ND					200	
sec-Butylbenzene	ND	5.0	"		ND					200	
Styrene	ND	5.0	"		ND					200	
tert-Butylbenzene	ND	5.0	"		ND					200	
Tetrachloroethylene	ND	5.0	"		ND					200	
Toluene	ND	5.0	"		ND					200	
trans-1,2-Dichloroethylene	ND	5.0	"		ND					200	
trans-1,3-Dichloropropylene	ND	5.0	"		ND					200	
Trichloroethylene	ND	5.0	"		ND					200	
Trichlorofluoromethane	ND	5.0	"		ND					200	
Vinyl acetate	ND	5.0	"		ND					200	
Vinyl Chloride	ND	5.0	"		ND					200	
Xylenes, Total	ND	15	"		ND					200	
Surrogate: 1,2-Dichloroethane-d4	*50.6*		*"*	*50.0*		*101*	*65-135*				
Surrogate: Toluene-d8	*50.2*		*"*	*50.0*		*100*	*86-118*				
Surrogate: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.5*	*81-114*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50311 - EPA 5030B											
Matrix Spike (BG50311-MS1)	*Source sample: 15G0053-01 (MW-2)							Prepared: 07/07/2015 Analyzed: 07/08/2015			
1,1,1,2-Tetrachloroethane	55.4		ug/L	50.0	ND	111	52-142				
1,1,1-Trichloroethane	52.9		"	50.0	ND	106	52-147				
1,1,2,2-Tetrachloroethane	52.8		"	50.0	ND	106	65-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44.8		"	50.0	ND	89.5	42-160				
1,1,2-Trichloroethane	53.2		"	50.0	ND	106	72-126				
1,1-Dichloroethane	52.1		"	50.0	ND	104	64-135				
1,1-Dichloroethylene	43.4		"	50.0	ND	86.9	47-150				
1,1-Dichloropropylene	50.7		"	50.0	ND	101	68-123				
1,2,3-Trichlorobenzene	50.5		"	50.0	ND	101	53-148				
1,2,3-Trichloropropane	51.5		"	50.0	ND	103	68-129				
1,2,4-Trichlorobenzene	46.7		"	50.0	ND	93.5	51-148				
1,2,4-Trimethylbenzene	52.5		"	50.0	ND	105	62-130				
1,2-Dibromo-3-chloropropane	53.1		"	50.0	ND	106	48-155				
1,2-Dibromoethane	54.1		"	50.0	ND	108	76-124				
1,2-Dichlorobenzene	52.5		"	50.0	ND	105	70-125				
1,2-Dichloroethane	51.6		"	50.0	ND	103	57-139				
1,2-Dichloropropane	51.5		"	50.0	ND	103	65-128				
1,3,5-Trimethylbenzene	51.0		"	50.0	ND	102	53-138				
1,3-Dichlorobenzene	49.4		"	50.0	ND	98.8	71-122				
1,3-Dichloropropane	53.9		"	50.0	ND	108	66-128				
1,4-Dichlorobenzene	50.5		"	50.0	ND	101	69-125				
2,2-Dichloropropane	45.1		"	50.0	ND	90.1	42-138				
2-Butanone	43.4		"	50.0	ND	86.9	42-153				
2-Chlorotoluene	51.4		"	50.0	ND	103	63-131				
4-Chlorotoluene	52.4		"	50.0	ND	105	63-130				
Acetone	35.6		"	50.0	ND	71.2	15-135				
Benzene	51.7		"	50.0	ND	103	55-139				
Bromobenzene	52.8		"	50.0	ND	106	63-130				
Bromochloromethane	45.5		"	50.0	ND	91.0	59-133				
Bromodichloromethane	54.5		"	50.0	ND	109	66-131				
Bromoform	55.8		"	50.0	ND	112	68-136				
Bromomethane	38.5		"	50.0	ND	77.0	23-151				
Carbon tetrachloride	54.8		"	50.0	ND	110	51-147				
Chlorobenzene	53.7		"	50.0	ND	107	75-120				
Chloroethane	41.4		"	50.0	ND	82.8	33-153				
Chloroform	53.1		"	50.0	ND	106	60-137				
Chloromethane	37.9		"	50.0	ND	75.7	20-140				
cis-1,2-Dichloroethylene	52.0		"	50.0	ND	104	59-136				
cis-1,3-Dichloropropylene	49.7		"	50.0	ND	99.3	66-128				
Dibromochloromethane	55.0		"	50.0	ND	110	68-134				
Dibromomethane	51.3		"	50.0	ND	103	71-128				
Dichlorodifluoromethane	28.9		"	50.0	ND	57.8	18-127				
Ethyl Benzene	52.6		"	50.0	ND	105	55-146				
Hexachlorobutadiene	50.0		"	50.0	ND	100	48-150				
Isopropylbenzene	54.3		"	50.0	ND	109	68-126				
Methyl tert-butyl ether (MTBE)	53.5		"	50.0	ND	107	54-148				
Methylene chloride	44.4		"	50.0	0.930	86.9	34-154				
Naphthalene	53.5		"	50.0	0.830	105	57-143				
n-Butylbenzene	48.3		"	50.0	ND	96.6	61-133				
n-Propylbenzene	52.0		"	50.0	ND	104	60-135				
o-Xylene	53.0		"	50.0	ND	106	67-129				

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 BG50311 - EPA 5030B											
Matrix Spike (BG50311-MS1)	*Source sample: 15G0053-01 (MW-2)								Prepared: 07/07/2015 Analyzed: 07/08/2015		
p- & m- Xylenes	105		ug/L	100	ND	105	51-152				
p-Isopropyltoluene	53.5		"	50.0	1.94	103	66-129				
sec-Butylbenzene	53.3		"	50.0	ND	107	66-127				
Styrene	53.7		"	50.0	ND	107	72-126				
tert-Butylbenzene	54.8		"	50.0	ND	110	65-132				
Tetrachloroethylene	48.3		"	50.0	ND	96.5	51-140				
Toluene	52.6		"	50.0	1.44	102	53-142				
trans-1,2-Dichloroethylene	50.4		"	50.0	ND	101	49-151				
trans-1,3-Dichloropropylene	49.2		"	50.0	ND	98.3	63-129				
Trichloroethylene	50.4		"	50.0	ND	101	61-133				
Trichlorofluoromethane	45.3		"	50.0	ND	90.6	47-147				
Vinyl acetate	39.4		"	50.0	ND	78.7	16-146				
Vinyl Chloride	39.4		"	50.0	ND	78.7	25-140				
Surrogate: 1,2-Dichloroethane-d4	*47.9*		*"*	*50.0*		*95.8*	*65-135*				
Surrogate: Toluene-d8	*50.0*		*"*	*50.0*		*99.9*	*86-118*				
Surrogate: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*81-114*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50339 - EPA 3510C											
LCS (BG50339-BS1)							Prepared & Analyzed: 07/08/2015				
Acenaphthene	27.0	0.0500	ug/L	50.0		54.1	24-114				
Acenaphthylene	24.0	0.0500	"	50.0		47.9	26-112				
Aniline	9.35	5.00	"	50.0		18.7	10-107				
Anthracene	27.3	0.0500	"	50.0		54.5	35-114				
Benzo(a)anthracene	24.0	0.0500	"	50.0		48.0	38-127				
Benzo(a)pyrene	31.8	0.0500	"	50.0		63.6	30-146				
Benzo(b)fluoranthene	33.8	0.0500	"	50.0		67.5	36-145				
Benzo(g,h,i)perylene	56.3	0.0500	"	50.0		113	10-163				
Benzo(k)fluoranthene	27.9	0.0500	"	50.0		55.8	16-149				
Benzyl alcohol	10.9	5.00	"	50.0		21.8	18-75				
Benzyl butyl phthalate	26.0	5.00	"	50.0		52.1	28-129				
4-Bromophenyl phenyl ether	26.1	5.00	"	50.0		52.1	38-116				
4-Chloro-3-methylphenol	26.0	5.00	"	50.0		51.9	28-101				
4-Chloroaniline	20.0	5.00	"	50.0		40.0	10-154				
Bis(2-chloroethoxy)methane	17.4	5.00	"	50.0		34.8	27-112				
Bis(2-chloroethyl)ether	13.7	5.00	"	50.0		27.3	24-114				
Bis(2-chloroisopropyl)ether	12.7	5.00	"	50.0		25.3	21-124				
2-Chloronaphthalene	22.1	5.00	"	50.0		44.2	40-96				
2-Chlorophenol	15.1	5.00	"	50.0		30.2	35-84	Low Bias			
4-Chlorophenyl phenyl ether	23.9	5.00	"	50.0		47.8	34-112				
Chrysene	25.5	0.0500	"	50.0		50.9	33-120				
Dibenzo(a,h)anthracene	45.9	0.0500	"	50.0		91.8	10-149				
Dibenzofuran	26.1	5.00	"	50.0		52.1	42-105				
Di-n-butyl phthalate	28.5	5.00	"	50.0		57.0	36-110				
1,4-Dichlorobenzene	14.3	5.00	"	50.0		28.5	42-82	Low Bias			
1,3-Dichlorobenzene	15.8	5.00	"	50.0		31.5	45-80	Low Bias			
1,2-Dichlorobenzene	16.1	5.00	"	50.0		32.2	42-85	Low Bias			
3,3'-Dichlorobenzidine	35.7	5.00	"	50.0		71.3	25-155				
2,4-Dichlorophenol	21.6	5.00	"	50.0		43.3	43-92				
Diethyl phthalate	30.2	5.00	"	50.0		60.4	38-112				
2,4-Dimethylphenol	20.3	5.00	"	50.0		40.7	25-92				
Dimethyl phthalate	29.9	5.00	"	50.0		59.9	49-106				
4,6-Dinitro-2-methylphenol	29.1	5.00	"	50.0		58.3	10-135				
2,4-Dinitrophenol	15.9	5.00	"	50.0		31.8	10-149				
2,4-Dinitrotoluene	33.3	5.00	"	50.0		66.6	41-114				
2,6-Dinitrotoluene	29.1	5.00	"	50.0		58.2	49-106				
Di-n-octyl phthalate	30.5	5.00	"	50.0		61.0	12-149				
Bis(2-ethylhexyl)phthalate	25.9	0.500	"	50.0		51.8	10-171				
Fluoranthene	26.6	0.0500	"	50.0		53.1	33-126				
Fluorene	26.6	0.0500	"	50.0		53.3	28-117				
Hexachlorobenzene	31.9	0.0200	"	50.0		63.8	27-120				
Hexachlorobutadiene	17.0	0.500	"	50.0		34.0	25-106				
Hexachlorocyclopentadiene	15.8	5.00	"	50.0		31.5	10-99				
Hexachloroethane	13.3	0.500	"	50.0		26.7	33-84	Low Bias			
Indeno(1,2,3-cd)pyrene	45.5	0.0500	"	50.0		91.0	10-150				
Isophorone	19.6	5.00	"	50.0		39.3	29-115				
2-Methylnaphthalene	22.9	5.00	"	50.0		45.8	33-101				
2-Methylphenol	11.2	5.00	"	50.0		22.5	10-90				
3- & 4-Methylphenols	9.60	5.00	"	50.0		19.2	10-101				
Naphthalene	19.0	0.0500	"	50.0		38.0	30-99				
4-Nitroaniline	26.1	5.00	"	50.0		52.2	15-143				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50339 - EPA 3510C											
LCS (BG50339-BS1)								Prepared & Analyzed: 07/08/2015			
3-Nitroaniline	20.9	5.00	ug/L	50.0		41.8	29-128				
2-Nitroaniline	30.4	5.00	"	50.0		60.7	31-122				
Nitrobenzene	17.9	0.250	"	50.0		35.9	32-113				
2-Nitrophenol	21.6	5.00	"	50.0		43.2	37-97				
N-nitroso-di-n-propylamine	17.0	5.00	"	50.0		34.0	36-118	Low Bias			
N-Nitrosodimethylamine	4.13	0.500	"	50.0		8.26	10-63	Low Bias			
N-Nitrosodiphenylamine	39.1	5.00	"	50.0		78.1	27-145				
Pentachlorophenol	29.6	0.250	"	50.0		59.2	19-127				
Phenanthrene	28.4	0.0500	"	50.0		56.7	31-112				
Phenol	5.13	5.00	"	50.0		10.3	10-37				
Pyrene	25.7	0.0500	"	50.0		51.4	42-125				
1,2,4-Trichlorobenzene	17.2	5.00	"	50.0		34.5	35-91	Low Bias			
2,4,5-Trichlorophenol	24.0	5.00	"	50.0		48.1	36-112				
2,4,6-Trichlorophenol	25.0	5.00	"	50.0		50.1	41-107				
Surrogate: 2-Fluorophenol	*12.9*		*"*	*75.2*		*17.2*	*10-65*				
Surrogate: Phenol-d5	*8.34*		*"*	*75.2*		*11.1*	*10-49*				
Surrogate: Nitrobenzene-d5	*19.8*		*"*	*50.0*		*39.6*	*10-96*				
Surrogate: 2-Fluorobiphenyl	*22.1*		*"*	*50.2*		*44.0*	*10-93*				
Surrogate: 2,4,6-Tribromophenol	*32.8*		*"*	*75.2*		*43.7*	*10-128*				
Surrogate: Terphenyl-d14	*30.1*		*"*	*50.2*		*60.0*	*10-100*				
LCS (BG50339-BS2)								Prepared & Analyzed: 07/08/2015			
Acenaphthene	0.470	0.0500	ug/L	1.00		47.0	24-114				
Acenaphthylene	0.470	0.0500	"	1.00		47.0	26-112				
Anthracene	0.680	0.0500	"	1.00		68.0	35-114				
Benzo(a)anthracene	0.590	0.0500	"	1.00		59.0	38-127				
Benzo(a)pyrene	0.940	0.0500	"	1.00		94.0	30-146				
Benzo(b)fluoranthene	0.570	0.0500	"	1.00		57.0	36-145				
Benzo(g,h,i)perylene	0.840	0.0500	"	1.00		84.0	10-163				
Benzo(k)fluoranthene	1.31	0.0500	"	1.00		131	16-149				
Chrysene	0.880	0.0500	"	1.00		88.0	33-120				
Dibenzo(a,h)anthracene	0.910	0.0500	"	1.00		91.0	10-149				
Fluoranthene	0.760	0.0500	"	1.00		76.0	33-126				
Fluorene	0.500	0.0500	"	1.00		50.0	28-117				
Indeno(1,2,3-cd)pyrene	0.900	0.0500	"	1.00		90.0	10-150				
Naphthalene	0.400	0.0500	"	1.00		40.0	30-99				
Phenanthrene	0.500	0.0500	"	1.00		50.0	31-112				
Pyrene	0.730	0.0500	"	1.00		73.0	42-125				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BG50339 - EPA 3510C

LCS Dup (BG50339-BSD1) Prepared & Analyzed: 07/08/2015

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Acenaphthene	27.8	0.0500	ug/L	50.0		55.6	24-114		2.84	20	
Acenaphthylene	24.4	0.0500	"	50.0		48.8	26-112		1.70	20	
Aniline	9.92	5.00	"	50.0		19.8	10-107		5.92	20	
Anthracene	27.5	0.0500	"	50.0		55.0	35-114		0.913	20	
Benzo(a)anthracene	25.4	0.0500	"	50.0		50.9	38-127		5.82	20	
Benzo(a)pyrene	34.6	0.0500	"	50.0		69.3	30-146		8.55	20	
Benzo(b)fluoranthene	29.6	0.0500	"	50.0		59.2	36-145		13.0	20	
Benzo(g,h,i)perylene	57.6	0.0500	"	50.0		115	10-163		2.21	20	
Benzo(k)fluoranthene	29.2	0.0500	"	50.0		58.4	16-149		4.55	20	
Benzyl alcohol	11.0	5.00	"	50.0		22.0	18-75		0.731	20	
Benzyl butyl phthalate	28.0	5.00	"	50.0		56.0	28-129		7.29	20	
4-Bromophenyl phenyl ether	26.3	5.00	"	50.0		52.6	38-116		0.993	20	
4-Chloro-3-methylphenol	25.0	5.00	"	50.0		50.1	28-101		3.61	20	
4-Chloroaniline	21.4	5.00	"	50.0		42.7	10-154		6.48	20	
Bis(2-chloroethoxy)methane	16.9	5.00	"	50.0		33.9	27-112		2.62	20	
Bis(2-chloroethyl)ether	13.7	5.00	"	50.0		27.3	24-114		0.0732	20	
Bis(2-chloroisopropyl)ether	12.1	5.00	"	50.0		24.1	21-124		4.85	20	
2-Chloronaphthalene	21.8	5.00	"	50.0		43.7	40-96		1.14	20	
2-Chlorophenol	14.3	5.00	"	50.0		28.7	35-84	Low Bias	5.16	20	
4-Chlorophenyl phenyl ether	24.7	5.00	"	50.0		49.5	34-112		3.37	20	
Chrysene	26.0	0.0500	"	50.0		52.0	33-120		2.02	20	
Dibenzo(a,h)anthracene	45.6	0.0500	"	50.0		91.1	10-149		0.700	20	
Dibenzofuran	26.4	5.00	"	50.0		52.8	42-105		1.30	20	
Di-n-butyl phthalate	29.2	5.00	"	50.0		58.5	36-110		2.60	20	
1,4-Dichlorobenzene	13.8	5.00	"	50.0		27.5	42-82	Low Bias	3.57	20	
1,3-Dichlorobenzene	15.0	5.00	"	50.0		30.0	45-80	Low Bias	4.87	20	
1,2-Dichlorobenzene	15.3	5.00	"	50.0		30.6	42-85	Low Bias	5.16	20	
3,3'-Dichlorobenzidine	37.0	5.00	"	50.0		74.0	25-155		3.69	20	
2,4-Dichlorophenol	21.5	5.00	"	50.0		43.0	43-92		0.603	20	
Diethyl phthalate	31.0	5.00	"	50.0		62.1	38-112		2.81	20	
2,4-Dimethylphenol	19.8	5.00	"	50.0		39.7	25-92		2.54	20	
Dimethyl phthalate	30.4	5.00	"	50.0		60.9	49-106		1.69	20	
4,6-Dinitro-2-methylphenol	29.2	5.00	"	50.0		58.4	10-135		0.240	20	
2,4-Dinitrophenol	15.7	5.00	"	50.0		31.4	10-149		1.27	20	
2,4-Dinitrotoluene	33.9	5.00	"	50.0		67.8	41-114		1.84	20	
2,6-Dinitrotoluene	30.4	5.00	"	50.0		60.9	49-106		4.54	20	
Di-n-octyl phthalate	31.8	5.00	"	50.0		63.7	12-149		4.36	20	
Bis(2-ethylhexyl)phthalate	26.0	0.500	"	50.0		52.0	10-171		0.540	20	
Fluoranthene	26.9	0.0500	"	50.0		53.9	33-126		1.35	20	
Fluorene	27.0	0.0500	"	50.0		54.1	28-117		1.53	20	
Hexachlorobenzene	31.5	0.0200	"	50.0		63.1	27-120		1.20	20	
Hexachlorobutadiene	16.2	0.500	"	50.0		32.3	25-106		4.89	20	
Hexachlorocyclopentadiene	14.9	5.00	"	50.0		29.8	10-99		5.54	20	
Hexachloroethane	12.1	0.500	"	50.0		24.3	33-84	Low Bias	9.42	20	
Indeno(1,2,3-cd)pyrene	47.3	0.0500	"	50.0		94.6	10-150		3.79	20	
Isophorone	19.2	5.00	"	50.0		38.4	29-115		2.21	20	
2-Methylnaphthalene	22.6	5.00	"	50.0		45.2	33-101		1.23	20	
2-Methylphenol	11.6	5.00	"	50.0		23.2	10-90		3.07	20	
3- & 4-Methylphenols	9.51	5.00	"	50.0		19.0	10-101		0.942	20	
Naphthalene	18.2	0.0500	"	50.0		36.5	30-99		4.24	20	
4-Nitroaniline	28.1	5.00	"	50.0		56.3	15-143		7.52	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 BG50339 - EPA 3510C											
LCS Dup (BG50339-BSD1)								Prepared & Analyzed: 07/08/2015			
3-Nitroaniline	23.1	5.00	ug/L	50.0		46.2	29-128		10.0	20	
2-Nitroaniline	31.1	5.00	"	50.0		62.2	31-122		2.31	20	
Nitrobenzene	17.9	0.250	"	50.0		35.9	32-113		0.0558	20	
4-Nitrophenol	8.54	5.00	"	50.0		17.1	10-112		5.54	20	
2-Nitrophenol	20.6	5.00	"	50.0		41.2	37-97		4.84	20	
N-nitroso-di-n-propylamine	16.2	5.00	"	50.0		32.4	36-118	Low Bias	4.70	20	
N-Nitrosodimethylamine	6.05	0.500	"	50.0		12.1	10-63		37.7	20	Non-dir.
N-Nitrosodiphenylamine	40.9	5.00	"	50.0		81.7	27-145		4.50	20	
Pentachlorophenol	30.4	0.250	"	50.0		60.8	19-127		2.67	20	
Phenanthrene	29.3	0.0500	"	50.0		58.7	31-112		3.36	20	
Phenol	5.40	5.00	"	50.0		10.8	10-37		5.13	20	
Pyrene	27.1	0.0500	"	50.0		54.2	42-125		5.38	20	
Pyridine	3.16	5.00	"	50.0		6.32	10-46	Low Bias	15.7	20	
1,2,4-Trichlorobenzene	16.7	5.00	"	50.0		33.5	35-91	Low Bias	2.88	20	
2,4,5-Trichlorophenol	24.2	5.00	"	50.0		48.5	36-112		0.870	20	
2,4,6-Trichlorophenol	24.9	5.00	"	50.0		49.9	41-107		0.400	20	
Surrogate: 2-Fluorophenol	*12.7*		*"*	*75.2*		*16.9*	*10-65*				
Surrogate: Phenol-d5	*9.34*		*"*	*75.2*		*12.4*	*10-49*				
Surrogate: Nitrobenzene-d5	*18.7*		*"*	*50.0*		*37.4*	*10-96*				
Surrogate: 2-Fluorobiphenyl	*20.9*		*"*	*50.2*		*41.6*	*10-93*				
Surrogate: 2,4,6-Tribromophenol	*32.8*		*"*	*75.2*		*43.6*	*10-128*				
Surrogate: Terphenyl-d14	*30.1*		*"*	*50.2*		*60.0*	*10-100*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50320 - EPA 3010A											
Blank (BG50320-BLK1)											
Prepared: 07/07/2015 Analyzed: 07/08/2015											
Aluminum	ND	0.050	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	"								
Duplicate (BG50320-DUP1)	*Source sample: 15G0053-01 (MW-2)										
Prepared: 07/07/2015 Analyzed: 07/08/2015											
Aluminum	0.133	0.050	mg/L		0.129				2.96	20	
Antimony	ND	0.005	"		ND					20	
Arsenic	0.012	0.004	"		0.014				10.6	20	
Barium	0.099	0.010	"		0.105				6.09	20	
Beryllium	ND	0.001	"		ND					20	
Cadmium	ND	0.003	"		ND					20	
Calcium	218	0.050	"		215				1.40	20	
Chromium	ND	0.005	"		ND					20	
Cobalt	ND	0.005	"		ND					20	
Copper	0.010	0.003	"		0.012				17.4	20	
Iron	17.9	0.020	"		17.7				1.11	20	
Lead	0.004	0.003	"		0.006				30.8	20	Non-dir.
Magnesium	42.0	0.050	"		41.5				1.15	20	
Manganese	3.33	0.005	"		3.55				6.21	20	
Nickel	ND	0.005	"		ND					20	
Potassium	26.6	0.050	"		26.3				1.36	20	
Selenium	ND	0.010	"		ND					20	
Silver	ND	0.005	"		ND					20	
Sodium	171	0.100	"		169				1.33	20	
Thallium	ND	0.005	"		ND					20	
Vanadium	ND	0.010	"		ND					20	
Zinc	0.029	0.010	"		0.031				7.01	20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50320 - EPA 3010A											
Matrix Spike (BG50320-MS1)	*Source sample: 15G0053-01 (MW-2)							Prepared: 07/07/2015 Analyzed: 07/08/2015			
Antimony	0.258	0.005	mg/L	0.250	ND	103	75-125				
Arsenic	2.03	0.004	"	2.00	0.014	101	75-125				
Barium	2.16	0.010	"	2.00	0.105	103	75-125				
Beryllium	0.050	0.001	"	0.0500	ND	99.4	75-125				
Cadmium	0.050	0.003	"	0.0500	ND	100	75-125				
Chromium	0.200	0.005	"	0.200	ND	100	75-125				
Cobalt	0.506	0.005	"	0.500	ND	101	75-125				
Copper	0.275	0.003	"	0.250	0.012	105	75-125				
Iron	19.0	0.020	"	1.00	17.7	129	75-125	High Bias			
Lead	0.481	0.003	"	0.500	0.006	95.1	75-125				
Manganese	3.87	0.005	"	0.500	3.55	64.5	75-125	Low Bias			
Nickel	0.510	0.005	"	0.500	ND	102	75-125				
Selenium	1.96	0.010	"	2.00	ND	97.9	75-125				
Silver	0.033	0.005	"	0.0500	ND	65.8	75-125	Low Bias			
Thallium	1.90	0.005	"	2.00	ND	95.1	75-125				
Vanadium	0.514	0.010	"	0.500	ND	103	75-125				
Zinc	0.519	0.010	"	0.500	0.031	97.7	75-125				
Reference (BG50320-SRM1)								Prepared: 07/07/2015 Analyzed: 07/08/2015			
Aluminum	0.478	0.050	mg/L	0.463		103	78.8-122				
Antimony	0.411	0.005	"	0.444		92.6	80.1-117				
Arsenic	0.219	0.004	"	0.243		90.2	80.7-119				
Barium	1.36	0.010	"	1.39		98.1	84.9-115				
Beryllium	0.100	0.001	"	0.107		93.5	85-115				
Cadmium	0.270	0.003	"	0.291		92.8	84.9-115				
Chromium	0.267	0.005	"	0.291		91.6	84.9-115				
Cobalt	0.672	0.005	"	0.675		99.6	85-115				
Copper	0.685	0.003	"	0.712		96.3	85-115				
Iron	0.321	0.020	"	0.354		90.8	85-115				
Lead	0.535	0.003	"	0.548		97.7	85-115				
Manganese	0.459	0.005	"	0.463		99.1	85.1-115				
Nickel	1.09	0.005	"	1.19		91.9	88.2-113				
Selenium	0.549	0.010	"	0.620		88.5	85-115				
Silver	0.483	0.005	"	0.520		93.0	85-115				
Thallium	0.275	0.005	"	0.289		95.2	80.3-118				
Vanadium	1.47	0.010	"	1.59		92.3	84.9-115				
Zinc	1.14	0.010	"	1.24		92.2	84.7-115				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50320 - EPA 3010A											
Reference (BG50320-SRM2)									Prepared: 07/07/2015 Analyzed: 07/08/2015		
Calcium	44.3	0.050	mg/L	44.2		100	86-114				
Magnesium	91.4	0.050	"	90.7		101	86-114				
Potassium	63.7	0.050	"	60.9		105	84.9-115				
Sodium	74.6	0.100	"	73.8		101	85-115				
Batch BG50322 - EPA 3010A											
Blank (BG50322-BLK1)									Prepared: 07/07/2015 Analyzed: 07/08/2015		
Aluminum - Dissolved	ND	0.050	mg/L								
Antimony - Dissolved	ND	0.005	"								
Arsenic - Dissolved	ND	0.004	"								
Barium - Dissolved	ND	0.010	"								
Beryllium - Dissolved	ND	0.001	"								
Cadmium - Dissolved	ND	0.003	"								
Calcium - Dissolved	ND	0.050	"								
Chromium - Dissolved	ND	0.005	"								
Cobalt - Dissolved	ND	0.005	"								
Copper - Dissolved	ND	0.003	"								
Iron - Dissolved	ND	0.020	"								
Lead - Dissolved	ND	0.003	"								
Magnesium - Dissolved	ND	0.050	"								
Manganese - Dissolved	ND	0.005	"								
Nickel - Dissolved	ND	0.005	"								
Potassium - Dissolved	ND	0.050	"								
Selenium - Dissolved	ND	0.010	"								
Silver - Dissolved	ND	0.005	"								
Sodium - Dissolved	ND	0.100	"								
Thallium - Dissolved	ND	0.005	"								
Vanadium - Dissolved	ND	0.010	"								
Zinc - Dissolved	ND	0.010	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50322 - EPA 3010A											
Reference (BG50322-SRM1)								Prepared: 07/07/2015 Analyzed: 07/08/2015			
Aluminum - Dissolved	0.477	0.050	mg/L	0.463		103	78.8-122				
Antimony - Dissolved	0.416	0.005	"	0.444		93.7	80.1-117				
Arsenic - Dissolved	0.224	0.004	"	0.243		92.0	80.7-119				
Barium - Dissolved	1.38	0.010	"	1.39		99.4	84.9-115				
Beryllium - Dissolved	0.101	0.001	"	0.107		94.7	85-115				
Cadmium - Dissolved	0.273	0.003	"	0.291		93.9	84.9-115				
Chromium - Dissolved	0.270	0.005	"	0.291		92.7	84.9-115				
Cobalt - Dissolved	0.681	0.005	"	0.675		101	85-115				
Copper - Dissolved	0.690	0.003	"	0.712		97.0	85-115				
Iron - Dissolved	0.323	0.020	"	0.354		91.2	85-115				
Lead - Dissolved	0.540	0.003	"	0.548		98.6	85-115				
Manganese - Dissolved	0.464	0.005	"	0.463		100	85.1-115				
Nickel - Dissolved	1.11	0.005	"	1.19		93.0	88.2-113				
Selenium - Dissolved	0.553	0.010	"	0.620		89.2	85-115				
Silver - Dissolved	0.488	0.005	"	0.520		93.9	85-115				
Thallium - Dissolved	0.278	0.005	"	0.289		96.1	80.3-118				
Vanadium - Dissolved	1.49	0.010	"	1.59		93.4	84.9-115				
Zinc - Dissolved	1.15	0.010	"	1.24		93.1	84.7-115				
Reference (BG50322-SRM2)								Prepared: 07/07/2015 Analyzed: 07/08/2015			
Calcium - Dissolved	44.3	0.050	mg/L	44.2		100	86-114				
Magnesium - Dissolved	92.3	0.050	"	90.7		102	86-114				
Potassium - Dissolved	64.0	0.050	"	60.9		105	84.9-115				
Sodium - Dissolved	74.2	0.100	"	73.8		100	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 BG50165 - EPA 7473 water											
Blank (BG50165-BLK1)										Prepared: 07/04/2015 Analyzed: 07/06/2015	
Mercury - Dissolved	ND	0.00020	mg/L								
Mercury	ND	0.00020	"								
Reference (BG50165-SRM1)										Prepared: 07/04/2015 Analyzed: 07/06/2015	
Mercury - Dissolved	0.0025356		mg/L	0.00230		110	61.3-135				
Mercury	0.00254		mg/kg	0.00230		110	61.3-135				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50086 - Analysis Preparation											
Blank (BG50086-BLK1)									Prepared & Analyzed: 07/01/2015		
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BG50086-BS1)									Prepared & Analyzed: 07/01/2015		
Chromium, Hexavalent	0.552	0.0100	mg/L	0.500		110	80-120				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15G0053-01	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-RPD	Sample conc. <5 X reporting limit.
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.
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.

---

*	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.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 15G0053

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Hydro Tech Env Corp	SAME [X]	SAME [ ]	#150133 200 East 135th Street Bronx, NY	RUSH-Same Day ____	Summary Report X
Address: 15 Ocean Ave, 2nd Floor	Name:	Name: Muslima Ward		RUSH-Next Day ____	QA Report X
Brooklyn NY 11225	Company:	Company: Hydro Tech Env	Purchase Order #	RUSH-Two Day ____	CT RCP ____
Phone.: (718) 636-0800	Address:	Address: 77 Arkay Drive Suite G	5898	RUSH-Three Day ____	CT RCP DQA/DUE Pkg ____
Contact: Morgan Violette		Hauppauge, NY 11788		RUSH-Four Day X	NY ASP A Package ____
E-mail: mviolette@hydrotechenvironmental.com	E-mail:	E-mail mward@hydrotechenvir	Samples from CT__NY_X_NJ__	Standard (5-7day)	NY ASP B Package ____
					NJDEP Reduced Deliv ____
					Excel X
					NYSDEC EQuIS X
					NJDEP SRP HazSite ____
					EQuIS ____
					GIS/KEY (std) ____

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

Adriana Zapata A.
Samples Collected/Authorized By (Signature)
Adriana Zapata
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

YORK Regulatory Comp Excel *compared to:* NYSDEC Groundwater Quality Standards

OTHER:

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW-2	7/1/15 @	GW	EPA 8260, 8270, 8081/8082, TAL metals (filtered and unfiltered), Chromium hexavalent & trivalent	3 1L glass amber, 2 250 mL plastic, 1 250 mL plastic w/ HNO3, 3 40 mL w/ HCl

Comments:

E designation
Please have results in 4-6 days as per Hydro Tech agreement

Preservation (check all applicable)

4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____
ZnAc Ascorbic Acid Other

Special Instructions

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temp on R
Adriana Zapata A	07-01-15 2:00pm	KC	7/1/15 2:00 TC Pulled 7/1/15 1800	4.4

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Morgan Violette

Report Date: 06/22/2015
Client Project ID: #150133 200 East 135th Street Bronx, NY
York Project (SDG) No.: 15F0586

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

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

Report Date: 06/22/2015
Client Project ID: #150133 200 East 135th Street Bronx, NY
York Project (SDG) No.: 15F0586

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Morgan Violette

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 June 16, 2015 and listed below. The project was identified as your project: **#150133 200 East 135th Street Bronx, NY**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
15F0586-01	MW-1	Water	06/16/2015	06/16/2015
15F0586-02	MW-2	Water	06/16/2015	06/16/2015
15F0586-03	MW-3	Water	06/16/2015	06/16/2015
15F0586-04	Field Blank	Water	06/16/2015	06/16/2015
15F0586-05	Trip Blank	Water	06/16/2015	06/16/2015

General Notes for York Project (SDG) No.: 15F0586

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

Approved By: 

Date: 06/22/2015

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **15F0586-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 NELAC-NY10854,NJDEP,PADEP	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 NELAC-NY10854,NJDEP,PADEP	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 NELAC-NY10854,NJDEP,PADEP	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 NELAC-NY10854,NJDEP,PADEP	BK
95-63-6	**1,2,4-Trimethylbenzene**	**500**		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
95-50-1	**1,2-Dichlorobenzene**	**1200**		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 NELAC-NY10854,NJDEP,PADEP	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 NELAC-NY10854,NJDEP,PADEP	BK
78-93-3	2-Butanone	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **15F0586-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
106-43-4	4-Chlorotoluene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
67-64-1	**Acetone**	**1500**	CCV-E, SCAL-E	ug/L	500	1000	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
71-43-2	Benzene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
108-86-1	Bromobenzene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
74-97-5	Bromochloromethane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
75-27-4	Bromodichloromethane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
75-25-2	Bromoform	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
74-83-9	Bromomethane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
56-23-5	Carbon tetrachloride	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
108-90-7	Chlorobenzene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
75-00-3	Chloroethane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
67-66-3	Chloroform	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
74-87-3	Chloromethane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
124-48-1	Dibromochloromethane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
74-95-3	Dibromomethane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
100-41-4	Ethyl Benzene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
98-82-8	Isopropylbenzene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 15F0586-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	250	1000	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
91-20-3	**Naphthalene**	**1500**		ug/L	250	1000	100	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
104-51-8	**n-Butylbenzene**	**670**		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
103-65-1	n-Propylbenzene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
95-47-6	o-Xylene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,PADEP	06/19/2015 23:13	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	500	1000	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,PADEP	06/19/2015 23:13	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
135-98-8	sec-Butylbenzene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
100-42-5	Styrene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
98-06-6	tert-Butylbenzene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
127-18-4	Tetrachloroethylene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
108-88-3	Toluene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
79-01-6	Trichloroethylene	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
108-05-4	Vinyl acetate	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP	06/19/2015 23:13	BK
75-01-4	Vinyl Chloride	ND		ug/L	250	500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:13	BK
1330-20-7	Xylenes, Total	ND		ug/L	750	1500	100	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 23:13	BK

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.3 %*		*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*		*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*125 %*	S-08	*81-114*

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: **EXT-EM**

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **15F0586-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

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 Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 14:30	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 14:30	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 14:30	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 14:30	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 14:30	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 14:30	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 14:30	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 14:30	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 14:30	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 15F0586-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	06/19/2015 08:09	06/19/2015 16:11	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	06/19/2015 08:09	06/19/2015 16:11	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854	06/19/2015 08:09	06/19/2015 16:11	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 14:30	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 14:30	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 14:30	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 14:30	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 14:30	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 14:30	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 15F0586-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 14:30	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 14:30	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 14:30	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 14:30	KH
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 08:09	06/19/2015 16:11	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*24.8 %*	*10-65*
4165-62-2	*Surrogate: Phenol-d5*	*15.0 %*	*10-49*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*32.9 %*	*10-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*19.8 %*	*10-93*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*22.4 %*	*10-128*
1718-51-0	*Surrogate: Terphenyl-d14*	*12.8 %*	*10-100*

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **15F0586-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: **EXT-EM**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**0.00430**		ug/L	0.00410	0.00410	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
5103-74-2	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B	06/22/2015 12:17	06/22/2015 15:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*4.57 %*	S-DUP	*30-120*

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 15F0586-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:** EXT-EM

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
2051-24-3	*Surrogate: Decachlorobiphenyl*	*2.77 %*	S-DUP		*30-120*						

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:** EXT-EM

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 Certifications: NELAC-NY10854,CTDOH,NJDEP	06/22/2015 12:17	06/22/2015 14:27	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/22/2015 12:17	06/22/2015 14:27	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/22/2015 12:17	06/22/2015 14:27	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/22/2015 12:17	06/22/2015 14:27	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/22/2015 12:17	06/22/2015 14:27	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/22/2015 12:17	06/22/2015 14:27	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/22/2015 12:17	06/22/2015 14:27	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	06/22/2015 12:17	06/22/2015 14:27	AMC

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*7.39 %*	S-DUP	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*3.98 %*	S-DUP	*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**	**29.3**		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:18	AMC
7440-36-0	**Antimony**	**0.059**		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:18	AMC
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:18	AMC
7440-39-3	**Barium**	**0.369**		mg/L	0.010	0.010	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:18	AMC
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:18	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:18	AMC
7440-70-2	**Calcium**	**136**		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:18	AMC

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **15F0586-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

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**	**0.057**		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:18	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:18	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-50-8	**Copper**	**0.115**		mg/L	0.003	0.003	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:18	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-89-6	**Iron**	**18.4**		mg/L	0.020	0.020	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:18	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-92-1	**Lead**	**0.227**		mg/L	0.003	0.003	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:18	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-95-4	**Magnesium**	**25.0**		mg/L	0.050	0.050	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:18	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-96-5	**Manganese**	**0.519**		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:18	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:18	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-09-7	**Potassium**	**24.6**		mg/L	0.050	0.050	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:18	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7782-49-2	**Selenium**	**0.160**		mg/L	0.010	0.010	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:18	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:18	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-23-5	**Sodium**	**173**	B	mg/L	0.100	0.100	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:18	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:18	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	**Vanadium**	**0.062**		mg/L	0.010	0.010	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:18	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**0.156**		mg/L	0.010	0.010	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:18	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

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**	**3.43**		mg/L	0.050	0.050	1	EPA 6010C	06/19/2015 18:05	06/19/2015 20:10	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-36-0	**Antimony**	**0.040**		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:05	06/19/2015 20:10	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	06/19/2015 18:05	06/19/2015 20:10	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-39-3	**Barium**	**0.099**		mg/L	0.010	0.010	1	EPA 6010C	06/19/2015 18:05	06/19/2015 20:10	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	06/19/2015 18:05	06/19/2015 20:10	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 15F0586-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

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
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:10	AMC
7440-70-2	**Calcium**	**112**		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:10	AMC
7440-47-3	**Chromium**	**0.012**		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:10	AMC
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:10	AMC
7440-50-8	**Copper**	**0.039**		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:10	AMC
7439-89-6	**Iron**	**2.14**		mg/L	0.020	0.020	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:10	AMC
7439-92-1	**Lead**	**0.027**		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:10	AMC
7439-95-4	**Magnesium**	**21.6**		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:10	AMC
7439-96-5	**Manganese**	**0.277**		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:10	AMC
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:10	AMC
7440-09-7	**Potassium**	**16.4**		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:10	AMC
7782-49-2	**Selenium**	**0.060**		mg/L	0.010	0.010	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:10	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:10	AMC
7440-23-5	**Sodium**	**157**		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:10	AMC
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:10	AMC
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:10	AMC
7440-66-6	**Zinc**	**0.016**		mg/L	0.010	0.010	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:10	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 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 08:14	06/17/2015 15:20	ALD

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **15F0586-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

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	06/17/2015 08:14	06/17/2015 15:20	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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		mg/L	0.0100	0.0100	1	EPA 7196A	06/16/2015 18:35	06/16/2015 19:17	SCA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP		

Chromium, Trivalent **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
16065-83-1	*** Chromium, Trivalent**	**0.0570**		mg/L	0.00800	0.0100	1	Calculation	06/22/2015 13:00	06/22/2015 13:01	SCA
								Certifications:			

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **15F0586-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/19/2015 16:45	06/19/2015 23:49	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/19/2015 16:45	06/19/2015 23:49	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/19/2015 16:45	06/19/2015 23:49	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	06/19/2015 16:45	06/19/2015 23:49	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/19/2015 16:45	06/19/2015 23:49	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/19/2015 16:45	06/19/2015 23:49	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/19/2015 16:45	06/19/2015 23:49	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/19/2015 16:45	06/19/2015 23:49	BK
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 15F0586-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 15F0586-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 NELAC-NY10854,NJDEP,PADEP	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 NELAC-NY10854,NJDEP,PADEP	BK
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 NELAC-NY10854,NJDEP,PADEP	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 NELAC-NY10854,NJDEP,PADEP	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 CTDOH,NELAC-NY10854,PADEP	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 CTDOH,NELAC-NY10854,PADEP	BK
99-87-6	**p-Isopropyltoluene**	**3.0**	J	ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/19/2015 23:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 15F0586-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP	06/19/2015 23:49	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 23:49	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 23:49	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.3 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*81-114*

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:00	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:00	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:00	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:00	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:00	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:00	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:00	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:00	KH

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 15F0586-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:00	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:00	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 NELAC-NY10854	06/19/2015 16:44	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 NELAC-NY10854	06/19/2015 16:44	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 NELAC-NY10854	06/19/2015 16:44	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 15F0586-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 16:44	SR CTDOH,NELAC-NY10854,NJDEP
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 16:44	SR CTDOH,NELAC-NY10854,NJDEP
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 16:44	SR CTDOH,NELAC-NY10854,NJDEP
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 16:44	SR CTDOH,NELAC-NY10854,NJDEP
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 15:00	KH CTDOH,NELAC-NY10854,NJDEP
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 15:00	KH CTDOH,NELAC-NY10854,NJDEP
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 15:00	KH NELAC-NY10854,NJDEP
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 15:00	KH CTDOH,NELAC-NY10854,NJDEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 16:44	SR CTDOH,NELAC-NY10854,NJDEP
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 16:44	SR CTDOH,NELAC-NY10854,NJDEP
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 15:00	KH CTDOH,NELAC-NY10854,NJDEP
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 15:00	KH CTDOH,NELAC-NY10854,NJDEP
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 16:44	SR CTDOH,NELAC-NY10854,NJDEP
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 16:44	SR CTDOH,NELAC-NY10854,NJDEP
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 16:44	SR CTDOH,NELAC-NY10854,NJDEP
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 16:44	SR CTDOH,NELAC-NY10854,NJDEP
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 15:00	KH CTDOH,NELAC-NY10854,NJDEP
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 16:44	SR CTDOH,NELAC-NY10854,NJDEP
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 16:44	SR CTDOH,NELAC-NY10854,NJDEP
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 16:44	SR CTDOH,NELAC-NY10854,NJDEP
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 16:44	SR CTDOH,NELAC-NY10854,NJDEP
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 16:44	SR CTDOH,NELAC-NY10854,NJDEP
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 16:44	SR CTDOH,NELAC-NY10854,NJDEP
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09	06/19/2015 16:44	SR CTDOH,NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 15F0586-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:00	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:00	KH
108-95-2	**Phenol**	**8.40**		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:00	KH
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:44	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*29.9 %*	*10-65*
4165-62-2	*Surrogate: Phenol-d5*	*16.6 %*	*10-49*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*65.5 %*	*10-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*55.5 %*	*10-93*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*62.5 %*	*10-128*
1718-51-0	*Surrogate: Terphenyl-d14*	*66.6 %*	*10-100*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC
309-00-2	Aldrin	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 15F0586-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

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
319-85-7	beta-BHC	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0485	0.0485	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC
319-86-8	delta-BHC	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC
60-57-1	Dieldrin	ND		ug/L	0.00242	0.00242	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC
72-20-8	Endrin	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0121	0.0121	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0121	0.0121	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0121	0.0121	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC
76-44-8	Heptachlor	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00485	0.00485	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC
8001-35-2	Toxaphene	ND		ug/L	0.121	0.121	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:35	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.7 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.9 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

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	0.0606	0.0606	1	EPA 8082A Certifications:	06/18/2015 07:55 NELAC-NY10854,CTDOH,NJDEP	06/19/2015 16:03	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0606	0.0606	1	EPA 8082A Certifications:	06/18/2015 07:55 NELAC-NY10854,CTDOH,NJDEP	06/19/2015 16:03	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0606	0.0606	1	EPA 8082A Certifications:	06/18/2015 07:55 NELAC-NY10854,CTDOH,NJDEP	06/19/2015 16:03	AMC

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 15F0586-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

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	0.0606	0.0606	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/18/2015 07:55	06/19/2015 16:03	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0606	0.0606	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/18/2015 07:55	06/19/2015 16:03	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0606	0.0606	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/18/2015 07:55	06/19/2015 16:03	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0606	0.0606	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/18/2015 07:55	06/19/2015 16:03	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0606	0.0606	1	EPA 8082A Certifications:	06/18/2015 07:55	06/19/2015 16:03	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*99.5 %*	*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**	**0.110**		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:23	AMC
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:23	AMC
7440-38-2	**Arsenic**	**0.012**		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:23	AMC
7440-39-3	**Barium**	**0.097**		mg/L	0.010	0.010	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:23	AMC
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:23	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:23	AMC
7440-70-2	**Calcium**	**206**		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:23	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:23	AMC
7440-48-4	**Cobalt**	**0.005**		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:23	AMC
7440-50-8	**Copper**	**0.009**		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:23	AMC
7439-89-6	**Iron**	**17.3**		mg/L	0.020	0.020	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:23	AMC
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:23	AMC
7439-95-4	**Magnesium**	**38.1**		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:23	AMC

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **15F0586-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

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
7439-96-5	**Manganese**	**3.69**		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-02-0	**Nickel**	**0.009**		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-09-7	**Potassium**	**24.5**		mg/L	0.050	0.050	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7782-49-2	**Selenium**	**0.038**		mg/L	0.010	0.010	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-23-5	**Sodium**	**163**	B	mg/L	0.100	0.100	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**0.024**		mg/L	0.010	0.010	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:23	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

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	0.050	0.050	1	EPA 6010C	06/19/2015 18:05	06/19/2015 20:15	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:05	06/19/2015 20:15	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	06/19/2015 18:05	06/19/2015 20:15	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-39-3	**Barium**	**0.051**		mg/L	0.010	0.010	1	EPA 6010C	06/19/2015 18:05	06/19/2015 20:15	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	06/19/2015 18:05	06/19/2015 20:15	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	06/19/2015 18:05	06/19/2015 20:15	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-70-2	**Calcium**	**205**		mg/L	0.050	0.050	1	EPA 6010C	06/19/2015 18:05	06/19/2015 20:15	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:05	06/19/2015 20:15	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:05	06/19/2015 20:15	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-50-8	**Copper**	**0.007**		mg/L	0.003	0.003	1	EPA 6010C	06/19/2015 18:05	06/19/2015 20:15	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-89-6	**Iron**	**0.134**		mg/L	0.020	0.020	1	EPA 6010C	06/19/2015 18:05	06/19/2015 20:15	AMC
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 15F0586-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

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
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:15	AMC
7439-95-4	**Magnesium**	**37.5**		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:15	AMC
7439-96-5	**Manganese**	**3.51**		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:15	AMC
7440-02-0	**Nickel**	**0.007**		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:15	AMC
7440-09-7	**Potassium**	**24.2**		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:15	AMC
7782-49-2	**Selenium**	**0.025**		mg/L	0.010	0.010	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:15	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:15	AMC
7440-23-5	**Sodium**	**162**		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:15	AMC
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:15	AMC
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:15	AMC
7440-66-6	Zinc	ND		mg/L	0.010	0.010	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:15	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 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 08:14	06/17/2015 15:20	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 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 08:14	06/17/2015 15:20	ALD

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		mg/L	0.0100	0.0100	1	EPA 7196A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/16/2015 18:35	06/16/2015 19:17	SCA

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **15F0586-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Chromium, Trivalent

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
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.00800	0.0100	1	Calculation Certifications:	06/22/2015 13:00	06/22/2015 13:01	SCA

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **15F0586-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 00:26	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 00:26	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 00:26	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 00:26	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 00:26	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 00:26	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 00:26	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/20/2015 00:26	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/20/2015 00:26	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/20/2015 00:26	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/20/2015 00:26	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 00:26	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 00:26	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 00:26	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 00:26	BK

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 15F0586-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 NELAC-NY10854,NJDEP,PADEP	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 NELAC-NY10854,NJDEP,PADEP	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 NELAC-NY10854,NJDEP,PADEP	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 NELAC-NY10854,NJDEP,PADEP	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 15F0586-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

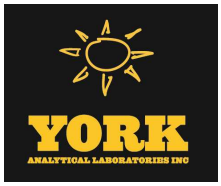
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 NELAC-NY10854,NJDEP,PADEP	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 NELAC-NY10854,NJDEP,PADEP	BK
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 NELAC-NY10854,NJDEP,PADEP	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 NELAC-NY10854,NJDEP,PADEP	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,PADEP	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,PADEP	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 00:26 NELAC-NY10854,NJDEP	BK



Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **15F0586-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 00:26	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP	06/20/2015 00:26	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.3 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*81-114*

Semi-Volatiles, 8270 Target List

Log-in Notes: **Sample Notes:** **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:30	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:30	KH
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:30	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:30	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:30	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:30	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:30	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:30	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 15F0586-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:30	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:30	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 NELAC-NY10854	06/19/2015 17:17	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 NELAC-NY10854	06/19/2015 17:17	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 NELAC-NY10854	06/19/2015 17:17	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:30	KH
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 NELAC-NY10854,NJDEP	06/19/2015 15:30	KH

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **15F0586-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:30	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:30	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:30	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:30	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:30	KH
108-95-2	**Phenol**	**5.60**		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 15:30	KH
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 15F0586-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:17	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*22.5 %*	*10-65*
4165-62-2	*Surrogate: Phenol-d5*	*14.3 %*	*10-49*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*58.9 %*	*10-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*51.8 %*	*10-93*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*63.2 %*	*10-128*
1718-51-0	*Surrogate: Terphenyl-d14*	*66.8 %*	*10-100*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:51	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:51	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:51	AMC
309-00-2	Aldrin	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:51	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:51	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:51	AMC
319-85-7	beta-BHC	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:51	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0471	0.0471	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:51	AMC
319-86-8	delta-BHC	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:51	AMC
60-57-1	Dieldrin	ND		ug/L	0.00235	0.00235	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:51	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:51	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:51	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 11:51	AMC

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 15F0586-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	06/18/2015 07:55	06/22/2015 11:51	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0118	0.0118	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	06/18/2015 07:55	06/22/2015 11:51	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0118	0.0118	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	06/18/2015 07:55	06/22/2015 11:51	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	06/18/2015 07:55	06/22/2015 11:51	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0118	0.0118	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	06/18/2015 07:55	06/22/2015 11:51	AMC
76-44-8	Heptachlor	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	06/18/2015 07:55	06/22/2015 11:51	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	06/18/2015 07:55	06/22/2015 11:51	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00471	0.00471	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	06/18/2015 07:55	06/22/2015 11:51	AMC
8001-35-2	Toxaphene	ND		ug/L	0.118	0.118	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	06/18/2015 07:55	06/22/2015 11:51	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.3 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*38.0 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

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	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/18/2015 07:55	06/19/2015 16:23	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/18/2015 07:55	06/19/2015 16:23	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/18/2015 07:55	06/19/2015 16:23	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/18/2015 07:55	06/19/2015 16:23	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/18/2015 07:55	06/19/2015 16:23	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/18/2015 07:55	06/19/2015 16:23	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/18/2015 07:55	06/19/2015 16:23	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0588	0.0588	1	EPA 8082A Certifications:	06/18/2015 07:55	06/19/2015 16:23	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.2 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.1 %*	*30-120*

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **15F0586-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

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**	**1.38**		mg/L	0.050	0.050	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-36-0	**Antimony**	**0.005**		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-39-3	**Barium**	**0.203**		mg/L	0.010	0.010	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-70-2	**Calcium**	**299**		mg/L	0.050	0.050	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-47-3	**Chromium**	**0.006**		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-50-8	**Copper**	**0.028**		mg/L	0.003	0.003	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-89-6	**Iron**	**19.5**		mg/L	0.020	0.020	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-92-1	**Lead**	**0.036**		mg/L	0.003	0.003	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-95-4	**Magnesium**	**164**		mg/L	0.050	0.050	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-96-5	**Manganese**	**2.69**		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-09-7	**Potassium**	**77.2**		mg/L	0.050	0.050	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7782-49-2	**Selenium**	**0.017**		mg/L	0.010	0.010	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-23-5	**Sodium**	**816**	B	mg/L	0.100	0.100	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-66-6	**Zinc**	**0.065**		mg/L	0.010	0.010	1	EPA 6010C	06/19/2015 18:10	06/19/2015 23:28	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 15F0586-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

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	0.050	0.050	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7440-39-3	**Barium**	**0.056**		mg/L	0.010	0.010	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7440-70-2	**Calcium**	**273**		mg/L	0.050	0.050	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7440-50-8	**Copper**	**0.010**		mg/L	0.003	0.003	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7439-89-6	**Iron**	**1.50**		mg/L	0.020	0.020	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7439-95-4	**Magnesium**	**145**		mg/L	0.050	0.050	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7439-96-5	**Manganese**	**2.38**		mg/L	0.005	0.005	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7440-09-7	**Potassium**	**71.1**		mg/L	0.050	0.050	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7782-49-2	**Selenium**	**0.027**		mg/L	0.010	0.010	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7440-23-5	**Sodium**	**782**		mg/L	0.100	0.100	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC
7440-66-6	**Zinc**	**0.015**		mg/L	0.010	0.010	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:21	AMC

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 15F0586-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

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	06/17/2015 08:14	06/17/2015 15:20	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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	06/17/2015 08:14	06/17/2015 15:20	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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		mg/L	0.0100	0.0100	1	EPA 7196A	06/16/2015 18:35	06/16/2015 19:17	SCA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP		

Chromium, Trivalent

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
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.00800	0.0100	1	Calculation	06/22/2015 13:00	06/22/2015 13:01	SCA
								Certifications:			

Sample Information

Client Sample ID: Field Blank **York Sample ID:** 15F0586-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/19/2015 16:45	06/20/2015 01:02	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/19/2015 16:45	06/20/2015 01:02	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/19/2015 16:45	06/20/2015 01:02	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **15F0586-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 NELAC-NY10854,NJDEP,PADEP	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 NELAC-NY10854,NJDEP,PADEP	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 NELAC-NY10854,NJDEP,PADEP	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 NELAC-NY10854,NJDEP,PADEP	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 NELAC-NY10854,NJDEP,PADEP	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 NELAC-NY10854,NJDEP,PADEP	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:02 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **15F0586-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,PADEP	06/20/2015 01:02	BK

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **15F0586-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,PADEP	06/20/2015 01:02	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP	06/20/2015 01:02	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:02	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP	06/20/2015 01:02	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.7 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*81-114*

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0667	0.0667	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:01	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0667	0.0667	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:01	KH
62-53-3	Aniline	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
120-12-7	Anthracene	ND		ug/L	0.0667	0.0667	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:01	KH

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **15F0586-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0667	0.0667	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:01	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0667	0.0667	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:01	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0667	0.0667	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:01	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0667	0.0667	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:01	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0667	0.0667	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:01	KH
100-51-6	Benzyl alcohol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
95-57-8	2-Chlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
218-01-9	Chrysene	ND		ug/L	0.0667	0.0667	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:01	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0667	0.0667	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:01	KH
132-64-9	Dibenzofuran	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 NELAC-NY10854	06/19/2015 17:50	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 NELAC-NY10854	06/19/2015 17:50	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 NELAC-NY10854	06/19/2015 17:50	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR

Sample Information

Client Sample ID: Field Blank

York Sample ID: 15F0586-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
84-66-2	Diethyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
131-11-3	Dimethyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.667	0.667	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:01	KH
206-44-0	Fluoranthene	ND		ug/L	0.0667	0.0667	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:01	KH
86-73-7	Fluorene	ND		ug/L	0.0667	0.0667	1	EPA 8270D Certifications:	06/19/2015 08:09 NELAC-NY10854,NJDEP	06/19/2015 16:01	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0267	0.0267	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:01	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.667	0.667	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
67-72-1	Hexachloroethane	ND		ug/L	0.667	0.667	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0667	0.0667	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:01	KH
78-59-1	Isophorone	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
95-48-7	2-Methylphenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
91-20-3	Naphthalene	ND		ug/L	0.0667	0.0667	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
100-01-6	4-Nitroaniline	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
99-09-2	3-Nitroaniline	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **15F0586-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
98-95-3	Nitrobenzene	ND		ug/L	0.333	0.333	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
100-02-7	4-Nitrophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
88-75-5	2-Nitrophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.667	0.667	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.333	0.333	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:01	KH
85-01-8	Phenanthrene	ND		ug/L	0.0667	0.0667	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:01	KH
108-95-2	Phenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
129-00-0	Pyrene	ND		ug/L	0.0667	0.0667	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 16:01	KH
110-86-1	Pyridine	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	06/19/2015 08:09 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 17:50	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*34.7 %*	*10-65*
4165-62-2	*Surrogate: Phenol-d5*	*22.5 %*	*10-49*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*63.3 %*	*10-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*50.3 %*	*10-93*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*57.1 %*	*10-128*
1718-51-0	*Surrogate: Terphenyl-d14*	*69.6 %*	*10-100*

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
72-54-8	4,4'-DDD	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **15F0586-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

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
72-55-9	4,4'-DDE	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC
309-00-2	Aldrin	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC
319-85-7	beta-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0421	0.0421	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC
319-86-8	delta-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC
60-57-1	Dieldrin	ND		ug/L	0.00211	0.00211	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC
72-20-8	Endrin	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	0.0105	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0105	0.0105	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC
5103-74-2	gamma-Chlordane	ND		ug/L	0.0105	0.0105	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC
76-44-8	Heptachlor	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC
8001-35-2	Toxaphene	ND		ug/L	0.105	0.105	1	EPA 8081B Certifications:	06/18/2015 07:55 CTDOH,NELAC-NY10854,NJDEP	06/22/2015 12:06	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.1 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.3 %*	*30-120*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **15F0586-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

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	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/18/2015 07:55	06/19/2015 16:42	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/18/2015 07:55	06/19/2015 16:42	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/18/2015 07:55	06/19/2015 16:42	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/18/2015 07:55	06/19/2015 16:42	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/18/2015 07:55	06/19/2015 16:42	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/18/2015 07:55	06/19/2015 16:42	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/18/2015 07:55	06/19/2015 16:42	AMC
1336-36-3	* Total PCBs	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications:	06/18/2015 07:55	06/19/2015 16:42	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.1 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*107 %*	*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	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:33	AMC
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:33	AMC
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:33	AMC
7440-39-3	Barium	ND		mg/L	0.010	0.010	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:33	AMC
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:33	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:33	AMC
7440-70-2	Calcium	ND		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:33	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:33	AMC
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:33	AMC
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:10	06/19/2015 23:33	AMC

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **15F0586-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

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
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C Certifications:	06/19/2015 18:10 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 23:33	AMC
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications:	06/19/2015 18:10 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 23:33	AMC
7439-95-4	Magnesium	ND		mg/L	0.050	0.050	1	EPA 6010C Certifications:	06/19/2015 18:10 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 23:33	AMC
7439-96-5	Manganese	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications:	06/19/2015 18:10 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 23:33	AMC
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications:	06/19/2015 18:10 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 23:33	AMC
7440-09-7	**Potassium**	**0.139**		mg/L	0.050	0.050	1	EPA 6010C Certifications:	06/19/2015 18:10 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 23:33	AMC
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C Certifications:	06/19/2015 18:10 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 23:33	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications:	06/19/2015 18:10 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 23:33	AMC
7440-23-5	**Sodium**	**1.09**	B	mg/L	0.100	0.100	1	EPA 6010C Certifications:	06/19/2015 18:10 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 23:33	AMC
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications:	06/19/2015 18:10 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 23:33	AMC
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C Certifications:	06/19/2015 18:10 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 23:33	AMC
7440-66-6	**Zinc**	**0.014**		mg/L	0.010	0.010	1	EPA 6010C Certifications:	06/19/2015 18:10 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 23:33	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	0.050	0.050	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:26	AMC
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:26	AMC
7440-38-2	**Arsenic**	**0.006**		mg/L	0.004	0.004	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:26	AMC
7440-39-3	Barium	ND		mg/L	0.010	0.010	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:26	AMC
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:26	AMC
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:26	AMC
7440-70-2	Calcium	ND		mg/L	0.050	0.050	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:26	AMC
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:26	AMC
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications:	06/19/2015 18:05 CTDOH,NELAC-NY10854,NJDEP	06/19/2015 20:26	AMC

Sample Information

Client Sample ID: Field Blank **York Sample ID:** 15F0586-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

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
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:26	AMC
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:26	AMC
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:26	AMC
7439-95-4	Magnesium	ND		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:26	AMC
7439-96-5	Manganese	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:26	AMC
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:26	AMC
7440-09-7	**Potassium**	**0.133**		mg/L	0.050	0.050	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:26	AMC
7782-49-2	**Selenium**	**0.014**		mg/L	0.010	0.010	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:26	AMC
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:26	AMC
7440-23-5	**Sodium**	**1.01**		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:26	AMC
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:26	AMC
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:26	AMC
7440-66-6	Zinc	ND		mg/L	0.010	0.010	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/19/2015 18:05	06/19/2015 20:26	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 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 08:14	06/17/2015 15:20	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 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/17/2015 08:14	06/17/2015 15:20	ALD

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

Sample Information

Client Sample ID: Field Blank **York Sample ID:** 15F0586-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

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		mg/L	0.0100	0.0100	1	EPA 7196A Certifications: NELAC-NY10854,CTDOH,NJDEP	06/16/2015 18:35	06/16/2015 19:17	SCA

Chromium, Trivalent

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
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.00800	0.0100	1	Calculation Certifications:	06/22/2015 13:00	06/22/2015 13:01	SCA

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 15F0586-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 16:45	06/20/2015 01:38	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 16:45	06/20/2015 01:38	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 16:45	06/20/2015 01:38	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 16:45	06/20/2015 01:38	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 16:45	06/20/2015 01:38	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 16:45	06/20/2015 01:38	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/19/2015 16:45	06/20/2015 01:38	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/19/2015 16:45	06/20/2015 01:38	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/19/2015 16:45	06/20/2015 01:38	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/19/2015 16:45	06/20/2015 01:38	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/19/2015 16:45	06/20/2015 01:38	BK

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **15F0586-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 NELAC-NY10854,NJDEP,PADEP	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 NELAC-NY10854,NJDEP,PADEP	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
67-64-1	Acetone	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 NELAC-NY10854,NJDEP,PADEP	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 NELAC-NY10854,NJDEP,PADEP	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38 CTDOH,NELAC-NY10854,NJDEP,PADEP	BK

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **15F0586-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK NELAC-NY10854,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK NELAC-NY10854,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK NELAC-NY10854,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
75-09-2	**Methylene chloride**	**5.3**	J	ug/L	2.5	10	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
91-20-3	Naphthalene	ND		ug/L	2.5	10	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK NELAC-NY10854,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK CTDOH,NELAC-NY10854,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK CTDOH,NELAC-NY10854,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK CTDOH,NELAC-NY10854,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45	06/20/2015 01:38	BK CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **15F0586-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0586	#150133 200 East 135th Street Bronx, NY	Water	June 16, 2015 3:00 pm	06/16/2015

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:38	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:38	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:38	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 NELAC-NY10854,NJDEP	06/20/2015 01:38	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/20/2015 01:38	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C Certifications:	06/19/2015 16:45 CTDOH,NELAC-NY10854,NJDEP	06/20/2015 01:38	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.2 %*	*65-135*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*86-118*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*81-114*

Analytical Batch Summary

Batch ID: BF50797 **Preparation Method:** Analysis Preparation **Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
15F0586-01	MW-1	06/16/15
15F0586-02	MW-2	06/16/15
15F0586-03	MW-3	06/16/15
15F0586-04	Field Blank	06/16/15
BF50797-BLK1	Blank	06/16/15
BF50797-BS1	LCS	06/16/15
BF50797-DUP1	Duplicate	06/16/15
BF50797-MS1	Matrix Spike	06/16/15

Batch ID: BF50815 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15F0586-01	MW-1	06/17/15
15F0586-02	MW-2	06/17/15
15F0586-03	MW-3	06/17/15
15F0586-04	Field Blank	06/17/15
BF50815-BLK1	Blank	06/17/15
BF50815-SRM1	Reference	06/17/15

Batch ID: BF50887 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15F0586-02	MW-2	06/18/15
15F0586-02	MW-2	06/18/15
15F0586-03	MW-3	06/18/15
15F0586-03	MW-3	06/18/15
15F0586-04	Field Blank	06/18/15
15F0586-04	Field Blank	06/18/15
BF50887-BLK1	Blank	06/18/15
BF50887-BLK1	Blank	06/18/15
BF50887-BS1	LCS	06/18/15
BF50887-BS2	LCS	06/18/15
BF50887-BSD1	LCS Dup	06/18/15
BF50887-BSD2	LCS Dup	06/18/15

Batch ID: BF50956 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15F0586-01	MW-1	06/19/15
15F0586-02	MW-2	06/19/15
15F0586-03	MW-3	06/19/15
15F0586-04	Field Blank	06/19/15
BF50956-BLK1	Blank	06/19/15
BF50956-BS1	LCS	06/19/15

BF50956-BSD1	LCS Dup	06/19/15

Batch ID: BF50995 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15F0586-01	MW-1	06/19/15
15F0586-02	MW-2	06/19/15
15F0586-03	MW-3	06/19/15
15F0586-04	Field Blank	06/19/15
15F0586-05	Trip Blank	06/19/15
BF50995-BLK1	Blank	06/19/15
BF50995-BS1	LCS	06/19/15
BF50995-BSD1	LCS Dup	06/19/15
BF50995-DUP1	Duplicate	06/19/15
BF50995-MS1	Matrix Spike	06/19/15

Batch ID: BF51011 **Preparation Method:** EPA 3010A **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
15F0586-01	MW-1	06/19/15
15F0586-02	MW-2	06/19/15
15F0586-03	MW-3	06/19/15
15F0586-04	Field Blank	06/19/15
BF51011-BLK1	Blank	06/19/15
BF51011-SRM1	Reference	06/19/15
BF51011-SRM2	Reference	06/19/15

Batch ID: BF51012 **Preparation Method:** EPA 3010A **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
15F0586-01	MW-1	06/19/15
15F0586-02	MW-2	06/19/15
15F0586-03	MW-3	06/19/15
15F0586-04	Field Blank	06/19/15
BF51012-BLK1	Blank	06/19/15
BF51012-SRM1	Reference	06/19/15
BF51012-SRM2	Reference	06/19/15

Batch ID: BF51016 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
15F0586-01	MW-1	06/22/15
15F0586-01	MW-1	06/22/15
BF51016-BLK1	Blank	06/20/15
BF51016-BLK1	Blank	06/20/15
BF51016-BS1	LCS	06/20/15
BF51016-BS2	LCS	06/20/15
BF51016-BSD1	LCS Dup	06/20/15
BF51016-BSD2	LCS Dup	06/20/15

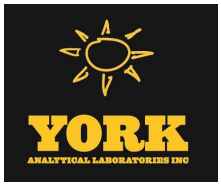
Batch ID: BF51063 **Preparation Method:** Analysis Preparation **Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
15F0586-01	MW-1	06/22/15
15F0586-02	MW-2	06/22/15
15F0586-03	MW-3	06/22/15
15F0586-04	Field Blank	06/22/15

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 BF50895 - EPA 5030B											
Blank (BF50895-BLK1)											
Prepared & Analyzed: 06/18/2015											
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

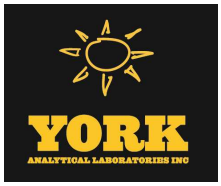
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50895 - EPA 5030B											
Blank (BF50895-BLK1)								Prepared & Analyzed: 06/18/2015			
p- & m- Xylenes	ND	10	ug/L								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*54.8*		*"*	*50.0*		*110*	*65-135*				
Surrogate: Toluene-d8	*46.7*		*"*	*50.0*		*93.5*	*86-118*				
Surrogate: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.4*	*81-114*				
Batch BF50995 - EPA 5030B											
Blank (BF50995-BLK1)								Prepared & Analyzed: 06/19/2015			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

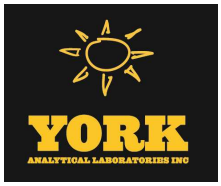
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50995 - EPA 5030B											
Blank (BF50995-BLK1)											
Prepared & Analyzed: 06/19/2015											
Bromomethane	ND	5.0	ug/L								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl acetate	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*46.1*		*"*	*50.0*		*92.3*	*65-135*				
Surrogate: Toluene-d8	*53.2*		*"*	*50.0*		*106*	*86-118*				
Surrogate: p-Bromofluorobenzene	*52.1*		*"*	*50.0*		*104*	*81-114*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

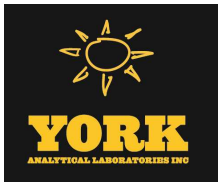
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50995 - EPA 5030B											
LCS (BF50995-BS1)							Prepared & Analyzed: 06/19/2015				
1,1,1,2-Tetrachloroethane	55.5		ug/L	50.0		111	70-132				
1,1,1-Trichloroethane	49.4		"	50.0		98.7	68-138				
1,1,2,2-Tetrachloroethane	54.2		"	50.0		108	73-132				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.4		"	50.0		101	67-136				
1,1,2-Trichloroethane	52.9		"	50.0		106	79-125				
1,1-Dichloroethane	50.0		"	50.0		99.9	78-128				
1,1-Dichloroethylene	48.4		"	50.0		96.9	68-134				
1,1-Dichloropropylene	48.4		"	50.0		96.7	74-130				
1,2,3-Trichlorobenzene	62.5		"	50.0		125	77-140				
1,2,3-Trichloropropane	53.0		"	50.0		106	79-127				
1,2,4-Trichlorobenzene	59.6		"	50.0		119	75-141				
1,2,4-Trimethylbenzene	53.8		"	50.0		108	78-127				
1,2-Dibromo-3-chloropropane	53.9		"	50.0		108	60-150				
1,2-Dibromoethane	54.5		"	50.0		109	86-123				
1,2-Dichlorobenzene	55.8		"	50.0		112	79-125				
1,2-Dichloroethane	47.9		"	50.0		95.8	69-133				
1,2-Dichloropropane	53.6		"	50.0		107	76-124				
1,3,5-Trimethylbenzene	53.0		"	50.0		106	78-128				
1,3-Dichlorobenzene	54.3		"	50.0		109	81-124				
1,3-Dichloropropane	53.9		"	50.0		108	79-125				
1,4-Dichlorobenzene	55.2		"	50.0		110	82-124				
2,2-Dichloropropane	48.0		"	50.0		95.9	61-139				
2-Butanone	46.5		"	50.0		93.0	44-169				
2-Chlorotoluene	52.8		"	50.0		106	74-130				
4-Chlorotoluene	53.3		"	50.0		107	75-127				
Acetone	42.9		"	50.0		85.9	29-163				
Benzene	50.5		"	50.0		101	72-134				
Bromobenzene	52.2		"	50.0		104	74-129				
Bromochloromethane	52.3		"	50.0		105	69-134				
Bromodichloromethane	53.2		"	50.0		106	76-127				
Bromoform	55.7		"	50.0		111	77-137				
Bromomethane	44.7		"	50.0		89.4	50-156				
Carbon tetrachloride	49.8		"	50.0		99.6	62-145				
Chlorobenzene	54.7		"	50.0		109	85-119				
Chloroethane	47.5		"	50.0		95.0	49-143				
Chloroform	50.2		"	50.0		100	74-131				
Chloromethane	47.5		"	50.0		95.0	43-134				
cis-1,2-Dichloroethylene	51.0		"	50.0		102	73-134				
cis-1,3-Dichloropropylene	52.3		"	50.0		105	77-128				
Dibromochloromethane	55.6		"	50.0		111	79-130				
Dibromomethane	52.2		"	50.0		104	78-128				
Dichlorodifluoromethane	42.9		"	50.0		85.8	38-139				
Ethyl Benzene	53.2		"	50.0		106	80-129				
Hexachlorobutadiene	51.6		"	50.0		103	72-141				
Isopropylbenzene	54.4		"	50.0		109	76-128				
Methyl tert-butyl ether (MTBE)	50.2		"	50.0		100	64-142				
Methylene chloride	50.1		"	50.0		100	56-142				
Naphthalene	59.5		"	50.0		119	79-144				
n-Butylbenzene	53.6		"	50.0		107	74-132				
n-Propylbenzene	53.6		"	50.0		107	72-135				
o-Xylene	53.5		"	50.0		107	81-123				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50995 - EPA 5030B											
LCS (BF50995-BS1)							Prepared & Analyzed: 06/19/2015				
p- & m- Xylenes	107		ug/L	100		107	79-130				
p-Isopropyltoluene	54.1		"	50.0		108	80-127				
sec-Butylbenzene	53.8		"	50.0		108	78-127				
Styrene	55.4		"	50.0		111	82-124				
tert-Butylbenzene	55.0		"	50.0		110	75-131				
Tetrachloroethylene	55.5		"	50.0		111	78-133				
Toluene	53.5		"	50.0		107	83-122				
trans-1,2-Dichloroethylene	48.5		"	50.0		96.9	59-145				
trans-1,3-Dichloropropylene	52.4		"	50.0		105	74-131				
Trichloroethylene	51.3		"	50.0		103	81-125				
Trichlorofluoromethane	46.8		"	50.0		93.5	61-144				
Vinyl acetate	51.0		"	50.0		102	32-165				
Vinyl Chloride	47.9		"	50.0		95.7	42-136				
Surrogate: 1,2-Dichloroethane-d4	*48.7*		*"*	*50.0*		*97.3*	*65-135*				
Surrogate: Toluene-d8	*52.0*		*"*	*50.0*		*104*	*86-118*				
Surrogate: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.3*	*81-114*				
LCS Dup (BF50995-BSD1)							Prepared & Analyzed: 06/19/2015				
1,1,1,2-Tetrachloroethane	55.6		ug/L	50.0		111	70-132		0.180	30	
1,1,1-Trichloroethane	50.9		"	50.0		102	68-138		3.05	30	
1,1,2,2-Tetrachloroethane	53.4		"	50.0		107	73-132		1.47	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.8		"	50.0		104	67-136		2.56	30	
1,1,2-Trichloroethane	51.9		"	50.0		104	79-125		1.81	30	
1,1-Dichloroethane	50.6		"	50.0		101	78-128		1.35	30	
1,1-Dichloroethylene	50.4		"	50.0		101	68-134		4.02	30	
1,1-Dichloropropylene	49.9		"	50.0		99.9	74-130		3.22	30	
1,2,3-Trichlorobenzene	62.2		"	50.0		124	77-140		0.514	30	
1,2,3-Trichloropropane	53.6		"	50.0		107	79-127		1.11	30	
1,2,4-Trichlorobenzene	58.5		"	50.0		117	75-141		1.85	30	
1,2,4-Trimethylbenzene	54.9		"	50.0		110	78-127		2.01	30	
1,2-Dibromo-3-chloropropane	50.9		"	50.0		102	60-150		5.73	30	
1,2-Dibromoethane	54.2		"	50.0		108	86-123		0.681	30	
1,2-Dichlorobenzene	56.9		"	50.0		114	79-125		1.90	30	
1,2-Dichloroethane	49.1		"	50.0		98.3	69-133		2.49	30	
1,2-Dichloropropane	53.9		"	50.0		108	76-124		0.502	30	
1,3,5-Trimethylbenzene	55.1		"	50.0		110	78-128		3.92	30	
1,3-Dichlorobenzene	55.4		"	50.0		111	81-124		1.93	30	
1,3-Dichloropropane	53.9		"	50.0		108	79-125		0.0186	30	
1,4-Dichlorobenzene	56.3		"	50.0		113	82-124		2.01	30	
2,2-Dichloropropane	47.2		"	50.0		94.5	61-139		1.53	30	
2-Butanone	45.9		"	50.0		91.9	44-169		1.23	30	
2-Chlorotoluene	54.8		"	50.0		110	74-130		3.66	30	
4-Chlorotoluene	53.6		"	50.0		107	75-127		0.468	30	
Acetone	40.9		"	50.0		81.9	29-163		4.79	30	
Benzene	51.7		"	50.0		103	72-134		2.25	30	
Bromobenzene	53.7		"	50.0		107	74-129		2.85	30	
Bromochloromethane	53.3		"	50.0		107	69-134		1.74	30	
Bromodichloromethane	53.5		"	50.0		107	76-127		0.656	30	
Bromoform	56.8		"	50.0		114	77-137		1.87	30	
Bromomethane	46.6		"	50.0		93.2	50-156		4.12	30	
Carbon tetrachloride	51.0		"	50.0		102	62-145		2.30	30	
Chlorobenzene	54.7		"	50.0		109	85-119		0.0732	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

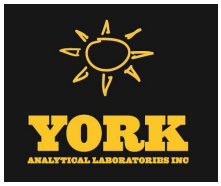
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50995 - EPA 5030B											
LCS Dup (BF50995-BSD1)								Prepared & Analyzed: 06/19/2015			
Chloroethane	48.8		ug/L	50.0		97.6	49-143		2.74	30	
Chloroform	50.9		"	50.0		102	74-131		1.37	30	
Chloromethane	48.8		"	50.0		97.6	43-134		2.72	30	
cis-1,2-Dichloroethylene	51.2		"	50.0		102	73-134		0.587	30	
cis-1,3-Dichloropropylene	52.6		"	50.0		105	77-128		0.553	30	
Dibromochloromethane	55.2		"	50.0		110	79-130		0.578	30	
Dibromomethane	52.6		"	50.0		105	78-128		0.840	30	
Dichlorodifluoromethane	46.7		"	50.0		93.4	38-139		8.48	30	
Ethyl Benzene	53.6		"	50.0		107	80-129		0.655	30	
Hexachlorobutadiene	54.4		"	50.0		109	72-141		5.39	30	
Isopropylbenzene	55.4		"	50.0		111	76-128		1.99	30	
Methyl tert-butyl ether (MTBE)	49.8		"	50.0		99.6	64-142		0.900	30	
Methylene chloride	50.8		"	50.0		102	56-142		1.37	30	
Naphthalene	58.7		"	50.0		117	79-144		1.29	30	
n-Butylbenzene	54.6		"	50.0		109	74-132		1.85	30	
n-Propylbenzene	54.7		"	50.0		109	72-135		2.12	30	
o-Xylene	54.0		"	50.0		108	81-123		0.948	30	
p- & m- Xylenes	108		"	100		108	79-130		1.03	30	
p-Isopropyltoluene	55.1		"	50.0		110	80-127		1.74	30	
sec-Butylbenzene	56.0		"	50.0		112	78-127		3.88	30	
Styrene	55.6		"	50.0		111	82-124		0.433	30	
tert-Butylbenzene	56.5		"	50.0		113	75-131		2.74	30	
Tetrachloroethylene	55.4		"	50.0		111	78-133		0.234	30	
Toluene	53.8		"	50.0		108	83-122		0.596	30	
trans-1,2-Dichloroethylene	49.2		"	50.0		98.3	59-145		1.45	30	
trans-1,3-Dichloropropylene	51.2		"	50.0		102	74-131		2.43	30	
Trichloroethylene	53.2		"	50.0		106	81-125		3.62	30	
Trichlorofluoromethane	48.8		"	50.0		97.6	61-144		4.23	30	
Vinyl acetate	51.8		"	50.0		104	32-165		1.38	30	
Vinyl Chloride	49.9		"	50.0		99.7	42-136		4.09	30	
Surrogate: 1,2-Dichloroethane-d4	*48.6*		*"*	*50.0*		*97.3*	*65-135*				
Surrogate: Toluene-d8	*51.1*		*"*	*50.0*		*102*	*86-118*				
Surrogate: p-Bromofluorobenzene	*51.0*		*"*	*50.0*		*102*	*81-114*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50995 - EPA 5030B											
Duplicate (BF50995-DUP1)	*Source sample: 15F0586-02 (MW-2)								Prepared: 06/19/2015 Analyzed: 06/20/2015		
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L		ND					200	
1,1,1-Trichloroethane	ND	5.0	"		ND					200	
1,1,2,2-Tetrachloroethane	ND	5.0	"		ND					200	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"		ND					200	
1,1,2-Trichloroethane	ND	5.0	"		ND					200	
1,1-Dichloroethane	ND	5.0	"		ND					200	
1,1-Dichloroethylene	ND	5.0	"		ND					200	
1,1-Dichloropropylene	ND	5.0	"		ND					200	
1,2,3-Trichlorobenzene	ND	5.0	"		ND					200	
1,2,3-Trichloropropane	ND	5.0	"		ND					200	
1,2,4-Trichlorobenzene	ND	5.0	"		ND					200	
1,2,4-Trimethylbenzene	ND	5.0	"		ND					200	
1,2-Dibromo-3-chloropropane	ND	5.0	"		ND					200	
1,2-Dibromoethane	ND	5.0	"		ND					200	
1,2-Dichlorobenzene	ND	5.0	"		ND					200	
1,2-Dichloroethane	ND	5.0	"		ND					200	
1,2-Dichloropropane	ND	5.0	"		ND					200	
1,3,5-Trimethylbenzene	ND	5.0	"		ND					200	
1,3-Dichlorobenzene	ND	5.0	"		ND					200	
1,3-Dichloropropane	ND	5.0	"		ND					200	
1,4-Dichlorobenzene	ND	5.0	"		ND					200	
2,2-Dichloropropane	ND	5.0	"		ND					200	
2-Butanone	ND	5.0	"		ND					200	
2-Chlorotoluene	ND	5.0	"		ND					200	
4-Chlorotoluene	ND	5.0	"		ND					200	
Acetone	9.6	10	"		ND					200	
Benzene	ND	5.0	"		ND					200	
Bromobenzene	ND	5.0	"		ND					200	
Bromochloromethane	ND	5.0	"		ND					200	
Bromodichloromethane	ND	5.0	"		ND					200	
Bromoform	ND	5.0	"		ND					200	
Bromomethane	ND	5.0	"		ND					200	
Carbon tetrachloride	ND	5.0	"		ND					200	
Chlorobenzene	ND	5.0	"		ND					200	
Chloroethane	ND	5.0	"		ND					200	
Chloroform	ND	5.0	"		ND					200	
Chloromethane	ND	5.0	"		ND					200	
cis-1,2-Dichloroethylene	ND	5.0	"		ND					200	
cis-1,3-Dichloropropylene	ND	5.0	"		ND					200	
Dibromochloromethane	ND	5.0	"		ND					200	
Dibromomethane	ND	5.0	"		ND					200	
Dichlorodifluoromethane	ND	5.0	"		ND					200	
Ethyl Benzene	ND	5.0	"		ND					200	
Hexachlorobutadiene	ND	5.0	"		ND					200	
Isopropylbenzene	ND	5.0	"		ND					200	
Methyl tert-butyl ether (MTBE)	ND	5.0	"		ND					200	
Methylene chloride	ND	10	"		ND					200	
Naphthalene	ND	10	"		ND					200	
n-Butylbenzene	ND	5.0	"		ND					200	
n-Propylbenzene	ND	5.0	"		ND					200	
o-Xylene	ND	5.0	"		ND					200	



Volatile Organic Compounds by GC/MS - Quality Control Data

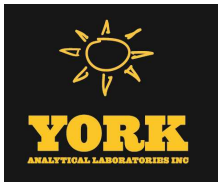
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50995 - EPA 5030B											
Duplicate (BF50995-DUP1)	*Source sample: 15F0586-02 (MW-2)								Prepared: 06/19/2015 Analyzed: 06/20/2015		
p- & m- Xylenes	ND	10	ug/L		ND					200	
p-Isopropyltoluene	3.4	5.0	"		3.0				11.6	200	
sec-Butylbenzene	ND	5.0	"		ND					200	
Styrene	ND	5.0	"		ND					200	
tert-Butylbenzene	ND	5.0	"		ND					200	
Tetrachloroethylene	ND	5.0	"		ND					200	
Toluene	ND	5.0	"		ND					200	
trans-1,2-Dichloroethylene	ND	5.0	"		ND					200	
trans-1,3-Dichloropropylene	ND	5.0	"		ND					200	
Trichloroethylene	ND	5.0	"		ND					200	
Trichlorofluoromethane	ND	5.0	"		ND					200	
Vinyl acetate	ND	5.0	"		ND					200	
Vinyl Chloride	ND	5.0	"		ND					200	
Xylenes, Total	ND	15	"		ND					200	
Surrogate: 1,2-Dichloroethane-d4	*49.1*		*"*	*50.0*		*98.2*	*65-135*				
Surrogate: Toluene-d8	*52.2*		*"*	*50.0*		*104*	*86-118*				
Surrogate: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*81-114*				
Matrix Spike (BF50995-MS1)	*Source sample: 15F0586-02 (MW-2)								Prepared: 06/19/2015 Analyzed: 06/20/2015		
1,1,1,2-Tetrachloroethane	52.1		ug/L	50.0	ND	104	52-142				
1,1,1-Trichloroethane	47.3		"	50.0	ND	94.7	52-147				
1,1,2,2-Tetrachloroethane	51.2		"	50.0	ND	102	65-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.6		"	50.0	ND	97.1	42-160				
1,1,2-Trichloroethane	50.8		"	50.0	ND	102	72-126				
1,1-Dichloroethane	48.7		"	50.0	ND	97.3	64-135				
1,1-Dichloroethylene	45.2		"	50.0	ND	90.4	47-150				
1,1-Dichloropropylene	45.8		"	50.0	ND	91.7	68-123				
1,2,3-Trichlorobenzene	56.0		"	50.0	ND	112	53-148				
1,2,3-Trichloropropane	50.6		"	50.0	ND	101	68-129				
1,2,4-Trichlorobenzene	51.6		"	50.0	ND	103	51-148				
1,2,4-Trimethylbenzene	50.8		"	50.0	ND	102	62-130				
1,2-Dibromo-3-chloropropane	50.5		"	50.0	ND	101	48-155				
1,2-Dibromoethane	51.4		"	50.0	ND	103	76-124				
1,2-Dichlorobenzene	53.5		"	50.0	ND	107	70-125				
1,2-Dichloroethane	47.4		"	50.0	ND	94.8	57-139				
1,2-Dichloropropane	51.1		"	50.0	ND	102	65-128				
1,3,5-Trimethylbenzene	49.6		"	50.0	ND	99.2	53-138				
1,3-Dichlorobenzene	49.1		"	50.0	ND	98.1	71-122				
1,3-Dichloropropane	51.6		"	50.0	ND	103	66-128				
1,4-Dichlorobenzene	49.0		"	50.0	ND	98.1	69-125				
2,2-Dichloropropane	41.6		"	50.0	ND	83.2	42-138				
2-Butanone	45.7		"	50.0	ND	91.4	42-153				
2-Chlorotoluene	49.0		"	50.0	ND	98.0	63-131				
4-Chlorotoluene	47.8		"	50.0	ND	95.7	63-130				
Acetone	44.6		"	50.0	ND	89.3	15-135				
Benzene	48.4		"	50.0	ND	96.8	55-139				
Bromobenzene	49.0		"	50.0	ND	98.0	63-130				
Bromochloromethane	50.5		"	50.0	ND	101	59-133				
Bromodichloromethane	50.7		"	50.0	ND	101	66-131				
Bromoform	52.1		"	50.0	ND	104	68-136				
Bromomethane	44.4		"	50.0	ND	88.8	23-151				
Carbon tetrachloride	46.8		"	50.0	ND	93.7	51-147				

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 BF50995 - EPA 5030B											
Matrix Spike (BF50995-MS1)	*Source sample: 15F0586-02 (MW-2)							Prepared: 06/19/2015 Analyzed: 06/20/2015			
Chlorobenzene	50.0		ug/L	50.0	ND	99.9	75-120				
Chloroethane	45.1		"	50.0	ND	90.2	33-153				
Chloroform	47.6		"	50.0	ND	95.2	60-137				
Chloromethane	44.5		"	50.0	ND	89.0	20-140				
cis-1,2-Dichloroethylene	48.3		"	50.0	ND	96.7	59-136				
cis-1,3-Dichloropropylene	48.4		"	50.0	ND	96.7	66-128				
Dibromochloromethane	52.5		"	50.0	ND	105	68-134				
Dibromomethane	48.6		"	50.0	ND	97.2	71-128				
Dichlorodifluoromethane	38.1		"	50.0	ND	76.2	18-127				
Ethyl Benzene	50.1		"	50.0	ND	100	55-146				
Hexachlorobutadiene	48.9		"	50.0	ND	97.9	48-150				
Isopropylbenzene	50.6		"	50.0	ND	101	68-126				
Methyl tert-butyl ether (MTBE)	48.6		"	50.0	ND	97.1	54-148				
Methylene chloride	48.2		"	50.0	ND	96.4	34-154				
Naphthalene	56.9		"	50.0	ND	114	57-143				
n-Butylbenzene	49.3		"	50.0	ND	98.6	61-133				
n-Propylbenzene	49.3		"	50.0	ND	98.7	60-135				
o-Xylene	50.7		"	50.0	ND	101	67-129				
p- & m- Xylenes	101		"	100	ND	101	51-152				
p-Isopropyltoluene	52.2		"	50.0	3.00	98.4	66-129				
sec-Butylbenzene	50.6		"	50.0	ND	101	66-127				
Styrene	50.8		"	50.0	ND	102	72-126				
tert-Butylbenzene	51.4		"	50.0	ND	103	65-132				
Tetrachloroethylene	48.1		"	50.0	ND	96.2	51-140				
Toluene	50.6		"	50.0	ND	101	53-142				
trans-1,2-Dichloroethylene	46.2		"	50.0	ND	92.4	49-151				
trans-1,3-Dichloropropylene	48.0		"	50.0	ND	96.0	63-129				
Trichloroethylene	48.1		"	50.0	ND	96.1	61-133				
Trichlorofluoromethane	43.4		"	50.0	ND	86.8	47-147				
Vinyl acetate	44.2		"	50.0	ND	88.4	16-146				
Vinyl Chloride	44.2		"	50.0	ND	88.4	25-140				
Surrogate: 1,2-Dichloroethane-d4	*49.0*		*"*	*50.0*		*97.9*	*65-135*				
Surrogate: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*86-118*				
Surrogate: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*81-114*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50956 - EPA 3510C											
Blank (BF50956-BLK1)											
Prepared & Analyzed: 06/19/2015											
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
Naphthalene	ND	0.0500	"								
4-Nitroaniline	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

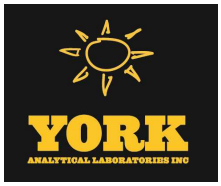
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50956 - EPA 3510C											
Blank (BF50956-BLK1)								Prepared & Analyzed: 06/19/2015			
3-Nitroaniline	ND	5.00	ug/L								
2-Nitroaniline	ND	5.00	"								
Nitrobenzene	ND	0.250	"								
4-Nitrophenol	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
Surrogate: 2-Fluorophenol	*18.7*		*"*	*75.2*		*24.8*	*10-65*				
Surrogate: Phenol-d5	*11.7*		*"*	*75.2*		*15.6*	*10-49*				
Surrogate: Nitrobenzene-d5	*29.2*		*"*	*50.0*		*58.4*	*10-96*				
Surrogate: 2-Fluorobiphenyl	*24.3*		*"*	*50.2*		*48.3*	*10-93*				
Surrogate: 2,4,6-Tribromophenol	*42.7*		*"*	*75.2*		*56.8*	*10-128*				
Surrogate: Terphenyl-d14	*30.4*		*"*	*50.2*		*60.6*	*10-100*				
LCS (BF50956-BS1)								Prepared & Analyzed: 06/19/2015			
Acenaphthene	26.1	0.0500	ug/L	50.0		52.2	24-114				
Acenaphthylene	24.7	0.0500	"	50.0		49.5	26-112				
Aniline	27.5	5.00	"	50.0		55.0	10-107				
Anthracene	25.8	0.0500	"	50.0		51.6	35-114				
Benzo(a)anthracene	27.8	0.0500	"	50.0		55.6	38-127				
Benzo(a)pyrene	40.2	0.0500	"	50.0		80.3	30-146				
Benzo(b)fluoranthene	35.1	0.0500	"	50.0		70.2	36-145				
Benzo(g,h,i)perylene	52.9	0.0500	"	50.0		106	10-163				
Benzo(k)fluoranthene	32.4	0.0500	"	50.0		64.8	16-149				
Benzyl alcohol	21.1	5.00	"	50.0		42.2	18-75				
Benzyl butyl phthalate	29.8	5.00	"	50.0		59.6	28-129				
4-Bromophenyl phenyl ether	27.3	5.00	"	50.0		54.6	38-116				
4-Chloro-3-methylphenol	32.5	5.00	"	50.0		64.9	28-101				
4-Chloroaniline	34.6	5.00	"	50.0		69.2	10-154				
Bis(2-chloroethoxy)methane	26.8	5.00	"	50.0		53.6	27-112				
Bis(2-chloroethyl)ether	25.8	5.00	"	50.0		51.6	24-114				
Bis(2-chloroisopropyl)ether	29.2	5.00	"	50.0		58.3	21-124				
2-Chloronaphthalene	23.6	5.00	"	50.0		47.1	40-96				
2-Chlorophenol	21.6	5.00	"	50.0		43.3	35-84				
4-Chlorophenyl phenyl ether	26.8	5.00	"	50.0		53.7	34-112				
Chrysene	28.4	0.0500	"	50.0		56.8	33-120				
Dibenzo(a,h)anthracene	46.3	0.0500	"	50.0		92.6	10-149				
Dibenzofuran	27.4	5.00	"	50.0		54.8	42-105				
Di-n-butyl phthalate	27.5	5.00	"	50.0		55.0	36-110				
1,4-Dichlorobenzene	19.5	5.00	"	50.0		38.9	42-82	Low Bias			
1,3-Dichlorobenzene	21.4	5.00	"	50.0		42.8	45-80	Low Bias			
1,2-Dichlorobenzene	21.8	5.00	"	50.0		43.6	42-85				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50956 - EPA 3510C											
LCS (BF50956-BS1)							Prepared & Analyzed: 06/19/2015				
3,3'-Dichlorobenzidine	37.7	5.00	ug/L	50.0		75.5	25-155				
2,4-Dichlorophenol	25.2	5.00	"	50.0		50.5	43-92				
Diethyl phthalate	30.5	5.00	"	50.0		61.0	38-112				
2,4-Dimethylphenol	25.3	5.00	"	50.0		50.6	25-92				
Dimethyl phthalate	31.4	5.00	"	50.0		62.8	49-106				
4,6-Dinitro-2-methylphenol	33.5	5.00	"	50.0		67.0	10-135				
2,4-Dinitrophenol	21.3	5.00	"	50.0		42.7	10-149				
2,4-Dinitrotoluene	36.3	5.00	"	50.0		72.6	41-114				
2,6-Dinitrotoluene	32.2	5.00	"	50.0		64.3	49-106				
Di-n-octyl phthalate	31.9	5.00	"	50.0		63.8	12-149				
Bis(2-ethylhexyl)phthalate	25.0	0.500	"	50.0		49.9	10-171				
Fluoranthene	28.6	0.0500	"	50.0		57.2	33-126				
Fluorene	26.6	0.0500	"	50.0		53.2	28-117				
Hexachlorobenzene	27.5	0.0200	"	50.0		55.1	27-120				
Hexachlorobutadiene	21.5	0.500	"	50.0		42.9	25-106				
Hexachlorocyclopentadiene	26.0	5.00	"	50.0		51.9	10-99				
Hexachloroethane	20.6	0.500	"	50.0		41.2	33-84				
Indeno(1,2,3-cd)pyrene	45.0	0.0500	"	50.0		90.1	10-150				
Isophorone	27.3	5.00	"	50.0		54.6	29-115				
2-Methylnaphthalene	24.5	5.00	"	50.0		49.0	33-101				
2-Methylphenol	17.4	5.00	"	50.0		34.9	10-90				
3- & 4-Methylphenols	14.3	5.00	"	50.0		28.6	10-101				
Naphthalene	22.7	0.0500	"	50.0		45.4	30-99				
4-Nitroaniline	37.1	5.00	"	50.0		74.2	15-143				
3-Nitroaniline	32.3	5.00	"	50.0		64.6	29-128				
2-Nitroaniline	35.2	5.00	"	50.0		70.4	31-122				
Nitrobenzene	25.4	0.250	"	50.0		50.9	32-113				
4-Nitrophenol	13.8	5.00	"	50.0		27.7	10-112				
2-Nitrophenol	25.7	5.00	"	50.0		51.4	37-97				
N-nitroso-di-n-propylamine	25.4	5.00	"	50.0		50.7	36-118				
N-Nitrosodimethylamine	15.0	0.500	"	50.0		29.9	10-63				
N-Nitrosodiphenylamine	31.5	5.00	"	50.0		63.0	27-145				
Pentachlorophenol	34.6	0.250	"	50.0		69.2	19-127				
Phenanthrene	28.3	0.0500	"	50.0		56.7	31-112				
Phenol	7.84	5.00	"	50.0		15.7	10-37				
Pyrene	30.1	0.0500	"	50.0		60.2	42-125				
Pyridine	12.1	5.00	"	50.0		24.2	10-46				
1,2,4-Trichlorobenzene	21.9	5.00	"	50.0		43.7	35-91				
2,4,5-Trichlorophenol	29.1	5.00	"	50.0		58.3	36-112				
2,4,6-Trichlorophenol	27.9	5.00	"	50.0		55.8	41-107				
Surrogate: 2-Fluorophenol	*22.2*		*"*	*75.2*		*29.5*	*10-65*				
Surrogate: Phenol-d5	*13.1*		*"*	*75.2*		*17.4*	*10-49*				
Surrogate: Nitrobenzene-d5	*30.0*		*"*	*50.0*		*60.1*	*10-96*				
Surrogate: 2-Fluorobiphenyl	*25.1*		*"*	*50.2*		*49.9*	*10-93*				
Surrogate: 2,4,6-Tribromophenol	*47.6*		*"*	*75.2*		*63.4*	*10-128*				
Surrogate: Terphenyl-d14	*35.9*		*"*	*50.2*		*71.5*	*10-100*				



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 BF50956 - EPA 3510C											
LCS Dup (BF50956-BSD1)								Prepared & Analyzed: 06/19/2015			
Acenaphthene	30.9	0.0500	ug/L	50.0		61.8	24-114		16.9	20	
Acenaphthylene	29.2	0.0500	"	50.0		58.3	26-112		16.4	20	
Aniline	30.2	5.00	"	50.0		60.3	10-107		9.30	20	
Anthracene	30.9	0.0500	"	50.0		61.8	35-114		18.0	20	
Benzo(a)anthracene	32.0	0.0500	"	50.0		64.1	38-127		14.1	20	
Benzo(a)pyrene	49.2	0.0500	"	50.0		98.4	30-146		20.2	20	Non-dir.
Benzo(b)fluoranthene	42.7	0.0500	"	50.0		85.5	36-145		19.6	20	
Benzo(g,h,i)perylene	64.2	0.0500	"	50.0		128	10-163		19.2	20	
Benzo(k)fluoranthene	38.3	0.0500	"	50.0		76.6	16-149		16.7	20	
Benzyl alcohol	25.3	5.00	"	50.0		50.7	18-75		18.4	20	
Benzyl butyl phthalate	35.4	5.00	"	50.0		70.7	28-129		17.1	20	
4-Bromophenyl phenyl ether	32.3	5.00	"	50.0		64.7	38-116		16.8	20	
4-Chloro-3-methylphenol	39.6	5.00	"	50.0		79.2	28-101		19.8	20	
4-Chloroaniline	39.3	5.00	"	50.0		78.6	10-154		12.8	20	
Bis(2-chloroethoxy)methane	31.3	5.00	"	50.0		62.7	27-112		15.6	20	
Bis(2-chloroethyl)ether	28.7	5.00	"	50.0		57.4	24-114		10.6	20	
Bis(2-chloroisopropyl)ether	31.6	5.00	"	50.0		63.2	21-124		7.93	20	
2-Chloronaphthalene	27.9	5.00	"	50.0		55.8	40-96		16.9	20	
2-Chlorophenol	24.4	5.00	"	50.0		48.9	35-84		12.2	20	
4-Chlorophenyl phenyl ether	30.6	5.00	"	50.0		61.2	34-112		13.1	20	
Chrysene	33.4	0.0500	"	50.0		66.7	33-120		16.1	20	
Dibenzo(a,h)anthracene	53.5	0.0500	"	50.0		107	10-149		14.4	20	
Dibenzofuran	32.6	5.00	"	50.0		65.2	42-105		17.4	20	
Di-n-butyl phthalate	30.2	5.00	"	50.0		60.4	36-110		9.36	20	
1,4-Dichlorobenzene	20.3	5.00	"	50.0		40.5	42-82	Low Bias	3.98	20	
1,3-Dichlorobenzene	22.8	5.00	"	50.0		45.5	45-80		6.07	20	
1,2-Dichlorobenzene	23.1	5.00	"	50.0		46.1	42-85		5.57	20	
3,3'-Dichlorobenzidine	42.7	5.00	"	50.0		85.5	25-155		12.4	20	
2,4-Dichlorophenol	31.1	5.00	"	50.0		62.2	43-92		20.8	20	Non-dir.
Diethyl phthalate	34.3	5.00	"	50.0		68.5	38-112		11.5	20	
2,4-Dimethylphenol	31.0	5.00	"	50.0		61.9	25-92		20.2	20	Non-dir.
Dimethyl phthalate	37.0	5.00	"	50.0		74.0	49-106		16.4	20	
4,6-Dinitro-2-methylphenol	39.7	5.00	"	50.0		79.3	10-135		16.9	20	
2,4-Dinitrophenol	24.7	5.00	"	50.0		49.4	10-149		14.7	20	
2,4-Dinitrotoluene	43.3	5.00	"	50.0		86.5	41-114		17.5	20	
2,6-Dinitrotoluene	38.6	5.00	"	50.0		77.1	49-106		18.1	20	
Di-n-octyl phthalate	37.5	5.00	"	50.0		75.1	12-149		16.3	20	
Bis(2-ethylhexyl)phthalate	26.8	0.500	"	50.0		53.7	10-171		7.26	20	
Fluoranthene	32.4	0.0500	"	50.0		64.8	33-126		12.4	20	
Fluorene	30.5	0.0500	"	50.0		61.0	28-117		13.8	20	
Hexachlorobenzene	31.8	0.0200	"	50.0		63.7	27-120		14.5	20	
Hexachlorobutadiene	22.8	0.500	"	50.0		45.6	25-106		6.01	20	
Hexachlorocyclopentadiene	32.8	5.00	"	50.0		65.7	10-99		23.3	20	Non-dir.
Hexachloroethane	21.0	0.500	"	50.0		42.0	33-84		1.97	20	
Indeno(1,2,3-cd)pyrene	51.2	0.0500	"	50.0		102	10-150		12.8	20	
Isophorone	32.9	5.00	"	50.0		65.8	29-115		18.6	20	
2-Methylnaphthalene	28.3	5.00	"	50.0		56.7	33-101		14.5	20	
2-Methylphenol	20.9	5.00	"	50.0		41.7	10-90		17.8	20	
3- & 4-Methylphenols	17.2	5.00	"	50.0		34.3	10-101		18.2	20	
Naphthalene	25.2	0.0500	"	50.0		50.5	30-99		10.5	20	
4-Nitroaniline	44.0	5.00	"	50.0		88.1	15-143		17.1	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

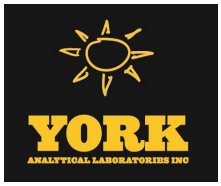
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50956 - EPA 3510C											
LCS Dup (BF50956-BSD1)							Prepared & Analyzed: 06/19/2015				
3-Nitroaniline	38.0	5.00	ug/L	50.0		76.0	29-128		16.2	20	
2-Nitroaniline	43.4	5.00	"	50.0		86.8	31-122		21.0	20	Non-dir.
Nitrobenzene	29.6	0.250	"	50.0		59.3	32-113		15.3	20	
4-Nitrophenol	15.6	5.00	"	50.0		31.3	10-112		12.2	20	
2-Nitrophenol	30.8	5.00	"	50.0		61.7	37-97		18.2	20	
N-nitroso-di-n-propylamine	29.3	5.00	"	50.0		58.6	36-118		14.3	20	
N-Nitrosodimethylamine	17.0	0.500	"	50.0		34.1	10-63		13.0	20	
N-Nitrosodiphenylamine	36.8	5.00	"	50.0		73.7	27-145		15.7	20	
Pentachlorophenol	42.2	0.250	"	50.0		84.5	19-127		20.0	20	
Phenanthrene	31.8	0.0500	"	50.0		63.7	31-112		11.6	20	
Phenol	9.15	5.00	"	50.0		18.3	10-37		15.4	20	
Pyrene	36.0	0.0500	"	50.0		71.9	42-125		17.8	20	
Pyridine	12.5	5.00	"	50.0		25.1	10-46		3.49	20	
1,2,4-Trichlorobenzene	24.1	5.00	"	50.0		48.3	35-91		9.83	20	
2,4,5-Trichlorophenol	35.5	5.00	"	50.0		70.9	36-112		19.6	20	
2,4,6-Trichlorophenol	34.6	5.00	"	50.0		69.2	41-107		21.5	20	Non-dir.
Surrogate: 2-Fluorophenol	*24.3*		*"*	*75.2*		*32.3*	*10-65*				
Surrogate: Phenol-d5	*14.8*		*"*	*75.2*		*19.7*	*10-49*				
Surrogate: Nitrobenzene-d5	*33.0*		*"*	*50.0*		*66.0*	*10-96*				
Surrogate: 2-Fluorobiphenyl	*28.7*		*"*	*50.2*		*57.1*	*10-93*				
Surrogate: 2,4,6-Tribromophenol	*50.7*		*"*	*75.2*		*67.5*	*10-128*				
Surrogate: Terphenyl-d14	*40.3*		*"*	*50.2*		*80.2*	*10-100*				

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 BF50887 - EPA SW846-3510C Low Level											
Blank (BF50887-BLK1)								Prepared & Analyzed: 06/18/2015			
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	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0400	"								
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	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Tetrachloro-m-xylene	*0.103*		*"*	*0.203*		*50.9*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.142*		*"*	*0.201*		*70.7*	*30-120*				
LCS (BF50887-BS1)								Prepared & Analyzed: 06/18/2015			
4,4'-DDD	0.0857	0.00400	ug/L	0.100		85.7	40-120				
4,4'-DDE	0.0633	0.00400	"	0.100		63.3	40-120				
4,4'-DDT	0.0843	0.00400	"	0.100		84.3	40-120				
Aldrin	0.0609	0.00400	"	0.100		60.9	40-120				
alpha-BHC	0.0744	0.00400	"	0.100		74.4	40-120				
alpha-Chlordane	0.0677	0.00400	"	0.100		67.7	40-120				
beta-BHC	0.0830	0.00400	"	0.100		83.0	40-120				
delta-BHC	0.0704	0.00400	"	0.100		70.4	40-120				
Dieldrin	0.0725	0.00200	"	0.100		72.5	40-120				
Endosulfan I	0.0752	0.00400	"	0.100		75.2	40-120				
Endosulfan II	0.0759	0.00400	"	0.100		75.9	40-120				
Endosulfan sulfate	0.0730	0.00400	"	0.100		73.0	40-120				
Endrin	0.0790	0.00400	"	0.100		79.0	40-120				
Endrin aldehyde	0.0693	0.0100	"	0.100		69.3	40-120				
Endrin ketone	0.0920	0.0100	"	0.100		92.0	40-120				
gamma-BHC (Lindane)	0.0768	0.00400	"	0.100		76.8	40-120				
gamma-Chlordane	0.0675	0.0100	"	0.100		67.5	40-120				
Heptachlor	0.0602	0.00400	"	0.100		60.2	40-120				
Heptachlor epoxide	0.0694	0.00400	"	0.100		69.4	40-120				
Methoxychlor	0.0781	0.00400	"	0.100		78.1	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0946*		*"*	*0.203*		*46.6*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0928*		*"*	*0.201*		*46.2*	*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 BF50887 - EPA SW846-3510C Low Level											
LCS Dup (BF50887-BSD1)								Prepared & Analyzed: 06/18/2015			
4,4'-DDD	0.0973	0.00400	ug/L	0.100		97.3	40-120		12.7	30	
4,4'-DDE	0.0721	0.00400	"	0.100		72.1	40-120		13.0	30	
4,4'-DDT	0.0961	0.00400	"	0.100		96.1	40-120		13.1	30	
Aldrin	0.0684	0.00400	"	0.100		68.4	40-120		11.6	30	
alpha-BHC	0.0839	0.00400	"	0.100		83.9	40-120		12.0	30	
alpha-Chlordane	0.0759	0.00400	"	0.100		75.9	40-120		11.4	30	
beta-BHC	0.0926	0.00400	"	0.100		92.6	40-120		10.9	30	
delta-BHC	0.0795	0.00400	"	0.100		79.5	40-120		12.1	30	
Dieldrin	0.0816	0.00200	"	0.100		81.6	40-120		11.8	30	
Endosulfan I	0.0844	0.00400	"	0.100		84.4	40-120		11.5	30	
Endosulfan II	0.0854	0.00400	"	0.100		85.4	40-120		11.8	30	
Endosulfan sulfate	0.0826	0.00400	"	0.100		82.6	40-120		12.4	30	
Endrin	0.0897	0.00400	"	0.100		89.7	40-120		12.7	30	
Endrin aldehyde	0.0783	0.0100	"	0.100		78.3	40-120		12.2	30	
Endrin ketone	0.104	0.0100	"	0.100		104	40-120		12.5	30	
gamma-BHC (Lindane)	0.0864	0.00400	"	0.100		86.4	40-120		11.8	30	
gamma-Chlordane	0.0757	0.0100	"	0.100		75.7	40-120		11.4	30	
Heptachlor	0.0678	0.00400	"	0.100		67.8	40-120		11.9	30	
Heptachlor epoxide	0.0776	0.00400	"	0.100		77.6	40-120		11.1	30	
Methoxychlor	0.0887	0.00400	"	0.100		88.7	40-120		12.8	30	
Surrogate: Tetrachloro-m-xylene	*0.106*		*"*	*0.203*		*52.1*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.106*		*"*	*0.201*		*52.9*	*30-120*				
Batch BF51016 - EPA SW846-3510C Low Level											
Blank (BF51016-BLK1)								Prepared: 06/20/2015 Analyzed: 06/22/2015			
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	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0400	"								
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	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Tetrachloro-m-xylene	*0.161*		*"*	*0.203*		*79.4*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.198*		*"*	*0.201*		*98.5*	*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 BF51016 - EPA SW846-3510C Low Level											
LCS (BF51016-BS1)								Prepared: 06/20/2015 Analyzed: 06/22/2015			
4,4'-DDD	0.0991	0.00400	ug/L	0.100		99.1	40-120				
4,4'-DDE	0.104	0.00400	"	0.100		104	40-120				
4,4'-DDT	0.0849	0.00400	"	0.100		84.9	40-120				
Aldrin	0.105	0.00400	"	0.100		105	40-120				
alpha-BHC	0.115	0.00400	"	0.100		115	40-120				
alpha-Chlordane	0.103	0.00400	"	0.100		103	40-120				
beta-BHC	0.116	0.00400	"	0.100		116	40-120				
delta-BHC	0.102	0.00400	"	0.100		102	40-120				
Dieldrin	0.103	0.00200	"	0.100		103	40-120				
Endosulfan I	0.114	0.00400	"	0.100		114	40-120				
Endosulfan II	0.0994	0.00400	"	0.100		99.4	40-120				
Endosulfan sulfate	0.0944	0.00400	"	0.100		94.4	40-120				
Endrin	0.102	0.00400	"	0.100		102	40-120				
Endrin aldehyde	0.0911	0.0100	"	0.100		91.1	40-120				
Endrin ketone	0.0915	0.0100	"	0.100		91.5	40-120				
gamma-BHC (Lindane)	0.110	0.00400	"	0.100		110	40-120				
gamma-Chlordane	0.0981	0.0100	"	0.100		98.1	40-120				
Heptachlor	0.0848	0.00400	"	0.100		84.8	40-120				
Heptachlor epoxide	0.100	0.00400	"	0.100		100	40-120				
Methoxychlor	0.0705	0.00400	"	0.100		70.5	40-120				
Surrogate: Tetrachloro-m-xylene	*0.180*		*"*	*0.203*		*88.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.174*		*"*	*0.201*		*86.6*	*30-120*				
LCS Dup (BF51016-BSD1)								Prepared: 06/20/2015 Analyzed: 06/22/2015			
4,4'-DDD	0.0952	0.00400	ug/L	0.100		95.2	40-120		3.99	30	
4,4'-DDE	0.0977	0.00400	"	0.100		97.7	40-120		6.33	30	
4,4'-DDT	0.0815	0.00400	"	0.100		81.5	40-120		4.03	30	
Aldrin	0.0920	0.00400	"	0.100		92.0	40-120		13.5	30	
alpha-BHC	0.0988	0.00400	"	0.100		98.8	40-120		15.3	30	
alpha-Chlordane	0.0938	0.00400	"	0.100		93.8	40-120		9.82	30	
beta-BHC	0.104	0.00400	"	0.100		104	40-120		11.0	30	
delta-BHC	0.0919	0.00400	"	0.100		91.9	40-120		10.2	30	
Dieldrin	0.0938	0.00200	"	0.100		93.8	40-120		9.58	30	
Endosulfan I	0.102	0.00400	"	0.100		102	40-120		10.9	30	
Endosulfan II	0.0937	0.00400	"	0.100		93.7	40-120		5.90	30	
Endosulfan sulfate	0.0911	0.00400	"	0.100		91.1	40-120		3.61	30	
Endrin	0.0943	0.00400	"	0.100		94.3	40-120		7.56	30	
Endrin aldehyde	0.0869	0.0100	"	0.100		86.9	40-120		4.74	30	
Endrin ketone	0.0893	0.0100	"	0.100		89.3	40-120		2.37	30	
gamma-BHC (Lindane)	0.0953	0.00400	"	0.100		95.3	40-120		14.4	30	
gamma-Chlordane	0.0889	0.0100	"	0.100		88.9	40-120		9.87	30	
Heptachlor	0.0725	0.00400	"	0.100		72.5	40-120		15.5	30	
Heptachlor epoxide	0.0895	0.00400	"	0.100		89.5	40-120		11.1	30	
Methoxychlor	0.0723	0.00400	"	0.100		72.3	40-120		2.45	30	
Surrogate: Tetrachloro-m-xylene	*0.156*		*"*	*0.203*		*76.7*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.197*		*"*	*0.201*		*97.9*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50887 - EPA SW846-3510C Low Level											
Blank (BF50887-BLK1)								Prepared & Analyzed: 06/18/2015			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.115*		"	*0.203*		*56.7*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.129*		"	*0.201*		*64.2*	*30-120*				
LCS (BF50887-BS2)								Prepared & Analyzed: 06/18/2015			
Aroclor 1016	1.06	0.0500	ug/L	1.00		106	40-120				
Aroclor 1260	1.12	0.0500	"	1.00		112	40-120				
Surrogate: Tetrachloro-m-xylene	*0.146*		"	*0.203*		*71.9*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.130*		"	*0.201*		*64.7*	*30-120*				
LCS Dup (BF50887-BSD2)								Prepared & Analyzed: 06/18/2015			
Aroclor 1016	1.08	0.0500	ug/L	1.00		108	40-120		1.83	30	
Aroclor 1260	1.14	0.0500	"	1.00		114	40-120		1.79	30	
Surrogate: Tetrachloro-m-xylene	*0.147*		"	*0.203*		*72.4*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.130*		"	*0.201*		*64.7*	*30-120*				
Batch BF51016 - EPA SW846-3510C Low Level											
Blank (BF51016-BLK1)								Prepared: 06/20/2015 Analyzed: 06/22/2015			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.193*		"	*0.203*		*95.1*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.249*		"	*0.201*		*124*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51016 - EPA SW846-3510C Low Level											
LCS (BF51016-BS2)									Prepared: 06/20/2015 Analyzed: 06/22/2015		
Aroclor 1016	0.971	0.0500	ug/L	1.00		97.1	40-120				
Aroclor 1260	1.09	0.0500	"	1.00		109	40-120				
Surrogate: Tetrachloro-m-xylene	*0.139*		*"*	*0.203*		*68.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.210*		*"*	*0.201*		*104*	*30-120*				
LCS Dup (BF51016-BSD2)									Prepared: 06/20/2015 Analyzed: 06/22/2015		
Aroclor 1016	1.02	0.0500	ug/L	1.00		102	40-120		4.74	30	
Aroclor 1260	1.14	0.0500	"	1.00		114	40-120		4.76	30	
Surrogate: Tetrachloro-m-xylene	*0.155*		*"*	*0.203*		*76.4*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.229*		*"*	*0.201*		*114*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51011 - EPA 3010A											
Blank (BF51011-BLK1)											Prepared & Analyzed: 06/19/2015
Aluminum - Dissolved	ND	0.050	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 (BF51011-SRM1)											Prepared & Analyzed: 06/19/2015
Aluminum - Dissolved	0.502	0.050	mg/L	0.463		108	78.8-122				
Antimony - Dissolved	0.412	0.005	"	0.444		92.8	80.1-117				
Arsenic - Dissolved	0.216	0.004	"	0.243		89.1	80.7-119				
Barium - Dissolved	1.48	0.010	"	1.39		107	84.9-115				
Beryllium - Dissolved	0.108	0.001	"	0.107		101	85-115				
Cadmium - Dissolved	0.263	0.003	"	0.291		90.5	84.9-115				
Chromium - Dissolved	0.301	0.005	"	0.291		103	84.9-115				
Cobalt - Dissolved	0.708	0.005	"	0.675		105	85-115				
Copper - Dissolved	0.758	0.003	"	0.712		106	85-115				
Iron - Dissolved	0.336	0.020	"	0.354		94.8	85-115				
Lead - Dissolved	0.516	0.003	"	0.548		94.2	85-115				
Manganese - Dissolved	0.487	0.005	"	0.463		105	85.1-115				
Nickel - Dissolved	1.16	0.005	"	1.19		97.3	88.2-113				
Selenium - Dissolved	0.534	0.010	"	0.620		86.2	85-115				
Silver - Dissolved	0.537	0.005	"	0.520		103	85-115				
Thallium - Dissolved	0.267	0.005	"	0.289		92.5	80.3-118				
Vanadium - Dissolved	1.59	0.010	"	1.59		99.8	84.9-115				
Zinc - Dissolved	1.22	0.010	"	1.24		98.1	84.7-115				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51011 - EPA 3010A											
Reference (BF51011-SRM2)								Prepared & Analyzed: 06/19/2015			
Calcium - Dissolved	46.6	0.050	mg/L	44.2		105	86-114				
Magnesium - Dissolved	93.7	0.050	"	90.7		103	86-114				
Potassium - Dissolved	64.4	0.050	"	60.9		106	84.9-115				
Sodium - Dissolved	76.4	0.100	"	73.8		104	85-115				
Batch BF51012 - EPA 3010A											
Blank (BF51012-BLK1)								Prepared & Analyzed: 06/19/2015			
Aluminum	ND	0.050	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	0.152	0.100	"								
Thallium	ND	0.005	"								
Vanadium	ND	0.010	"								
Zinc	ND	0.010	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51012 - EPA 3010A											
Reference (BF51012-SRM1)								Prepared & Analyzed: 06/19/2015			
Aluminum	0.490	0.050	mg/L	0.463		106	78.8-122				
Antimony	0.412	0.005	"	0.444		92.7	80.1-117				
Arsenic	0.221	0.004	"	0.243		90.8	80.7-119				
Barium	1.48	0.010	"	1.39		106	84.9-115				
Beryllium	0.107	0.001	"	0.107		100	85-115				
Cadmium	0.266	0.003	"	0.291		91.3	84.9-115				
Chromium	0.303	0.005	"	0.291		104	84.9-115				
Cobalt	0.712	0.005	"	0.675		105	85-115				
Copper	0.749	0.003	"	0.712		105	85-115				
Iron	0.334	0.020	"	0.354		94.5	85-115				
Lead	0.520	0.003	"	0.548		94.9	85-115				
Manganese	0.483	0.005	"	0.463		104	85.1-115				
Nickel	1.16	0.005	"	1.19		97.2	88.2-113				
Selenium	0.538	0.010	"	0.620		86.8	85-115				
Silver	0.538	0.005	"	0.520		103	85-115				
Thallium	0.270	0.005	"	0.289		93.5	80.3-118				
Vanadium	1.58	0.010	"	1.59		99.3	84.9-115				
Zinc	1.23	0.010	"	1.24		99.0	84.7-115				
Reference (BF51012-SRM2)								Prepared & Analyzed: 06/19/2015			
Calcium	46.6	0.050	mg/L	44.2		105	86-114				
Magnesium	94.3	0.050	"	90.7		104	86-114				
Potassium	64.8	0.050	"	60.9		106	84.9-115				
Sodium	77.4	0.100	"	73.8		105	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 BF50815 - EPA 7473 water											
Blank (BF50815-BLK1)										Prepared & Analyzed: 06/17/2015	
Mercury	ND	0.00020	mg/L								
Mercury - Dissolved	ND	0.00020	"								
Reference (BF50815-SRM1)										Prepared & Analyzed: 06/17/2015	
Mercury - Dissolved	0.0026139		mg/L	0.00230		114	61.3-135				
Mercury	0.00261		mg/kg	0.00230		114	61.3-135				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50797 - Analysis Preparation											
Blank (BF50797-BLK1)								Prepared & Analyzed: 06/16/2015			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BF50797-BS1)								Prepared & Analyzed: 06/16/2015			
Chromium, Hexavalent	0.493	0.0100	mg/L	0.500		98.6	80-120				
Duplicate (BF50797-DUP1)	*Source sample: 15F0586-04 (Field Blank)							Prepared & Analyzed: 06/16/2015			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BF50797-MS1)	*Source sample: 15F0586-04 (Field Blank)							Prepared & Analyzed: 06/16/2015			
Chromium, Hexavalent	0.481	0.0100	mg/L	0.500	ND	96.2	75-125				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15F0586-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15F0586-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15F0586-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15F0586-04	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15F0586-05	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

S-DUP	Duplicate analysis confirmed surrogate failure due to matrix effects.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
M-DB	Analyte in Method Blank >MDL. Sample conc. >10 X blank conc.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

---

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revised

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 15F0586

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Hydro Tech Env Corp	SAME [X]	SAME [ ]	#150133	RUSH-Same Day
Address: 15 Ocean Ave, 2nd Floor	Name:	Name: Muslima Ward	200 East 135th Street	RUSH-Next Day
Brooklyn NY 11225	Company:	Company: Hydro Tech Env	Bronx, NY	RUSH-Two Day
Phone.: (718) 636-0800	Address:	Address: 77 Arkay Drive Suite G	**Purchase Order #**	RUSH-Three Day
Contact: Morgan Violette		Hauppauge, NY 11788	5880	RUSH-Four Day X
E-mail: mviolette@hydrotechenvironmental.com	E-mail:	E-mail mward@hydrotechenvirc	Samples from CT__NY_X_NJ__	Standard (5-7day)

Report/Deliverable Type		
Summary Report	X	
QA Report	X	
CT RCP		
CT RCP DQA/DUE Pkg		
NY ASP A Package		
NY ASP B Package		
NJDEP Reduced Deliv		
Excel	X	
NYSDEC EQuIS	X	
NJDEP SRP HazSite		
EQuIS		
GIS/KEY (std)		

YORK Regulatory Comp Excel *compared to:* NYSDEC Groundwater Quality Standards

OTHER:

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

Samples Collected/Authorized By (Signature)
Adriana Zapata
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082 PCB	RCRA8	TPH GRO	Pri. Poll.
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Routine
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW-1	6/16/15 @	GW	EPA 8260, 8270, 8081/8082, TAL metals (filtered and unfiltered), Chromium hexavalent & trivalent	3 1L glass amber, 2 250 mL plastic, 1 250 mL plastic w/ HNO3, 3 40 mL w/ HCl
MW-2	6/16/15 @	GW	"	"
MW-3	6/16/15 @	GW	"	"
Field Blank	6/16/15 @	FB	EPA 8260	2 40 mL w/ HCl
Trip Blank	6/16/15 @	TB		

Comments:

E designation
Please have results in 4-6 days as per Hydro Tech agreement

Preservation (check all applicable)

4°C ____ Frozen ____ HCl ____ MeOH ____ HNO_3 ____ H_2SO_4 ____ NaOH ____
ZnAc Ascorbic Acid Other

Special Instructions

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
		TC Mahler	6/16/15 1755

Temp on R
4.4°C

Appendix I: Laboratory Data Deliverables for Soil Vapor Analytical Data

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Morgan Violette

Report Date: 07/06/2015
Client Project ID: #150133 200 East 135th Street Bronx, NY
York Project (SDG) No.: 15G0061

Report Date: 07/06/2015
Client Project ID: #150133 200 East 135th Street Bronx, NY
York Project (SDG) No.: 15G0061

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Morgan Violette

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 July 01, 2015 and listed below. The project was identified as your project: **#150133 200 East 135th Street Bronx, NY**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
15G0061-01	SV-5	Soil Vapor	07/01/2015	07/01/2015
15G0061-02	OA-1	Outdoor Ambient Ai	07/01/2015	07/01/2015

General Notes for York Project (SDG) No.: 15G0061

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

Approved By: 

Date: 07/06/2015

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SV-5 **York Sample ID:** 15G0061-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0061	#150133 200 East 135th Street Bronx, NY	Soil Vapor	July 1, 2015 1:00 pm	07/01/2015

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
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	7.9	16	22.9	EPA TO-15 Certifications:	07/02/2015 15:53	07/03/2015 08:45	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	12	12	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	16	16	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	18	18	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	12	12	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	9.3	9.3	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	9.1	9.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	17	17	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**12**		ug/m³	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	18	18	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	14	14	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	9.3	9.3	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	16	16	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
106-99-0	**1,3-Butadiene**	**150**		ug/m³	9.9	9.9	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	14	14	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	11	11	22.9	EPA TO-15 Certifications:	07/02/2015 15:53	07/03/2015 08:45	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	14	14	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	8.3	8.3	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
78-93-3	**2-Butanone**	**91**		ug/m³	6.8	6.8	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	19	19	22.9	EPA TO-15 Certifications:	07/02/2015 15:53	07/03/2015 08:45	ALD

Sample Information

Client Sample ID: SV-5 **York Sample ID:** 15G0061-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0061	#150133 200 East 135th Street Bronx, NY	Soil Vapor	July 1, 2015 1:00 pm	07/01/2015

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
107-05-1	* 3-Chloropropene	ND		ug/m³	7.2	7.2	22.9	EPA TO-15 Certifications:	07/02/2015 15:53	07/03/2015 08:45	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	9.4	9.4	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
67-64-1	**Acetone**	**580**		ug/m³	5.4	68	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
107-13-1	* Acrylonitrile	ND		ug/m³	5.0	5.0	22.9	EPA TO-15 Certifications:	07/02/2015 15:53	07/03/2015 08:45	ALD
71-43-2	**Benzene**	**45**		ug/m³	7.3	7.3	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
100-44-7	Benzyl chloride	ND		ug/m³	12	12	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	14	14	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
75-25-2	Bromoform	ND		ug/m³	24	24	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
74-83-9	Bromomethane	ND		ug/m³	8.9	8.9	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
75-15-0	**Carbon disulfide**	**130**		ug/m³	7.1	7.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	3.6	3.6	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
108-90-7	Chlorobenzene	ND		ug/m³	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
75-00-3	Chloroethane	ND		ug/m³	6.0	6.0	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
67-66-3	Chloroform	ND		ug/m³	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
74-87-3	Chloromethane	ND		ug/m³	4.7	4.7	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	9.1	9.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	10	10	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
110-82-7	**Cyclohexane**	**32**		ug/m³	7.9	7.9	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	18	18	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
75-71-8	**Dichlorodifluoromethane**	**31**		ug/m³	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	17	17	22.9	EPA TO-15 Certifications:	07/02/2015 15:53	07/03/2015 08:45	ALD
100-41-4	**Ethyl Benzene**	**24**		ug/m³	9.9	9.9	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	24	24	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD

Sample Information

Client Sample ID: SV-5 **York Sample ID:** 15G0061-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0061	#150133 200 East 135th Street Bronx, NY	Soil Vapor	July 1, 2015 1:00 pm	07/01/2015

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
67-63-0	Isopropanol	ND		ug/m³	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	9.4	9.4	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	8.2	8.2	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
75-09-2	Methylene chloride	ND		ug/m³	16	16	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
142-82-5	**n-Heptane**	**53**		ug/m³	9.4	9.4	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
110-54-3	**n-Hexane**	**110**		ug/m³	8.1	8.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
95-47-6	o-Xylene	ND		ug/m³	9.9	9.9	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m³	20	20	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m³	11	11	22.9	EPA TO-15 Certifications:	07/02/2015 15:53	07/03/2015 08:45	ALD
115-07-1	* Propylene	ND		ug/m³	3.9	3.9	22.9	EPA TO-15 Certifications:	07/02/2015 15:53	07/03/2015 08:45	ALD
100-42-5	Styrene	ND		ug/m³	9.8	9.8	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
127-18-4	Tetrachloroethylene	ND		ug/m³	3.9	3.9	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
109-99-9	*** Tetrahydrofuran**	**69**		ug/m³	6.8	44	22.9	EPA TO-15 Certifications:	07/02/2015 15:53	07/03/2015 08:45	ALD
108-88-3	**Toluene**	**31**		ug/m³	8.6	8.6	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	9.1	9.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	10	10	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
79-01-6	Trichloroethylene	ND		ug/m³	3.1	3.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	13	13	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
108-05-4	Vinyl acetate	ND		ug/m³	8.1	8.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
593-60-2	Vinyl bromide	ND		ug/m³	10	10	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD
75-01-4	Vinyl Chloride	ND		ug/m³	1.5	1.5	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 08:45	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.0 %*	*72-118*

Sample Information

Client Sample ID: OA-1 **York Sample ID:** 15G0061-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0061	#150133 200 East 135th Street Bronx, NY	Outdoor Ambient Air	July 1, 2015 1:00 pm	07/01/2015

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
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.35	0.70	1.0144	EPA TO-15 Certifications:	07/02/2015 15:53	07/03/2015 04:36	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.78	0.78	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	0.41	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.50	0.50	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	0.71	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.50	0.50	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	0.44	0.44	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.47	0.47	1.0144	EPA TO-15 Certifications:	07/02/2015 15:53	07/03/2015 04:36	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
78-93-3	**2-Butanone**	**1.6**		ug/m³	0.30	0.30	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	0.83	0.83	1.0144	EPA TO-15 Certifications:	07/02/2015 15:53	07/03/2015 04:36	ALD
107-05-1	* 3-Chloropropene	ND		ug/m³	0.32	0.32	1.0144	EPA TO-15 Certifications:	07/02/2015 15:53	07/03/2015 04:36	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.42	0.42	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD

Sample Information

Client Sample ID: OA-1 **York Sample ID:** 15G0061-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0061	#150133 200 East 135th Street Bronx, NY	Outdoor Ambient Air	July 1, 2015 1:00 pm	07/01/2015

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**	**21**		ug/m³	0.24	3.0	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
107-13-1	* Acrylonitrile	ND		ug/m³	0.22	0.22	1.0144	EPA TO-15 Certifications:	07/02/2015 15:53	07/03/2015 04:36	ALD
71-43-2	**Benzene**	**0.52**		ug/m³	0.32	0.32	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
100-44-7	Benzyl chloride	ND		ug/m³	0.53	0.53	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.63	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
75-25-2	Bromoform	ND		ug/m³	1.0	1.0	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
75-15-0	Carbon disulfide	ND		ug/m³	0.32	0.32	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.16	0.16	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
67-66-3	Chloroform	ND		ug/m³	0.50	0.50	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
74-87-3	**Chloromethane**	**1.8**		ug/m³	0.21	0.21	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
110-82-7	Cyclohexane	ND		ug/m³	0.35	0.35	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	0.81	0.81	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	0.50	0.50	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	0.73	0.73	1.0144	EPA TO-15 Certifications:	07/02/2015 15:53	07/03/2015 04:36	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	0.44	0.44	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
67-63-0	**Isopropanol**	**4.1**		ug/m³	0.50	0.50	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.42	0.42	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD

Sample Information

Client Sample ID: OA-1 **York Sample ID:** 15G0061-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0061	#150133 200 East 135th Street Bronx, NY	Outdoor Ambient Air	July 1, 2015 1:00 pm	07/01/2015

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	0.37	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
75-09-2	**Methylene chloride**	**0.85**		ug/m³	0.70	0.70	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
142-82-5	n-Heptane	ND		ug/m³	0.42	0.42	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
110-54-3	n-Hexane	ND		ug/m³	0.36	0.36	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
95-47-6	o-Xylene	ND		ug/m³	0.44	0.44	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.88	0.88	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.50	0.50	1.0144	EPA TO-15 Certifications:	07/02/2015 15:53	07/03/2015 04:36	ALD
115-07-1	* Propylene	ND		ug/m³	0.17	0.17	1.0144	EPA TO-15 Certifications:	07/02/2015 15:53	07/03/2015 04:36	ALD
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.17	0.17	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.30	1.9	1.0144	EPA TO-15 Certifications:	07/02/2015 15:53	07/03/2015 04:36	ALD
108-88-3	**Toluene**	**1.5**		ug/m³	0.38	0.38	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
79-01-6	Trichloroethylene	ND		ug/m³	0.14	0.14	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.57	0.57	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
593-60-2	Vinyl bromide	ND		ug/m³	0.44	0.44	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD
75-01-4	Vinyl Chloride	ND		ug/m³	0.065	0.065	1.0144	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	07/02/2015 15:53	07/03/2015 04:36	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.0 %*	*72-118*

Analytical Batch Summary

Batch ID: BG50154 **Preparation Method:** EPA TO15 PREP **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15G0061-01	SV-5	07/02/15
15G0061-02	OA-1	07/02/15
BG50154-BLK1	Blank	07/02/15
BG50154-BS1	LCS	07/02/15

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50154 - EPA TO15 PREP											
Blank (BG50154-BLK1)											Prepared & Analyzed: 07/02/2015
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.43	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.36	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	0.31	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	3.0	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.62	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.80	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50154 - EPA TO15 PREP											
Blank (BG50154-BLK1)								Prepared & Analyzed: 07/02/2015			
o-Xylene	ND	0.43	ug/m³								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	1.9	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.064	"								
Surrogate: p-Bromofluorobenzene	*9.26*		*ppbv*	*10.4*		*89.0*	*72-118*				
LCS (BG50154-BS1)								Prepared & Analyzed: 07/02/2015			
1,1,1,2-Tetrachloroethane	8.51		ppbv	10.5		81.0	82-126	Low Bias			
1,1,1-Trichloroethane	7.95		"	10.2		77.9	70-130				
1,1,2,2-Tetrachloroethane	8.11		"	10.3		78.7	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.01		"	10.4		77.0	70-130				
1,1,2-Trichloroethane	9.00		"	10.3		87.4	70-130				
1,1-Dichloroethane	8.23		"	10.2		80.7	70-130				
1,1-Dichloroethylene	8.11		"	10.4		78.0	70-130				
1,2,4-Trichlorobenzene	8.18		"	9.00		90.9	70-130				
1,2,4-Trimethylbenzene	8.55		"	10.2		83.8	70-130				
1,2-Dibromoethane	9.05		"	10.4		87.0	70-130				
1,2-Dichlorobenzene	9.30		"	10.1		92.1	70-130				
1,2-Dichloroethane	8.08		"	10.2		79.2	70-130				
1,2-Dichloropropane	8.79		"	10.2		86.2	70-130				
1,2-Dichlorotetrafluoroethane	10.3		"	9.80		105	70-130				
1,3,5-Trimethylbenzene	8.00		"	10.0		80.0	70-130				
1,3-Butadiene	12.3		"	10.1		121	70-130				
1,3-Dichlorobenzene	9.28		"	10.2		91.0	70-130				
1,3-Dichloropropane	8.72		"	10.5		83.0	70-130				
1,4-Dichlorobenzene	9.17		"	10.1		90.8	70-130				
1,4-Dioxane	8.16		"	10.2		80.0	70-130				
2-Butanone	8.90		"	10.4		85.6	70-130				
2-Hexanone	11.0		"	10.5		105	70-130				
3-Chloropropene	9.04		"	10.7		84.5	70-130				
4-Methyl-2-pentanone	10.7		"	10.2		105	70-130				
Acetone	9.66		"	10.6		91.1	70-130				
Acrylonitrile	6.26		"	10.3		60.8	70-130	Low Bias			
Benzene	7.54		"	10.3		73.2	70-130				
Benzyl chloride	6.49		"	10.2		63.6	70-130	Low Bias			
Bromodichloromethane	9.04		"	10.2		88.6	70-130				
Bromoform	8.82		"	10.1		87.3	70-130				
Bromomethane	7.25		"	9.50		76.3	70-130				
Carbon disulfide	8.23		"	10.5		78.4	70-130				
Carbon tetrachloride	8.21		"	10.2		80.5	70-130				
Chlorobenzene	7.76		"	10.5		73.9	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
Batch BG50154 - EPA TO15 PREP											
LCS (BG50154-BS1)								Prepared & Analyzed: 07/02/2015			
Chloroethane	7.19		ppbv	9.40		76.5	70-130				
Chloroform	7.54		"	10.4		72.5	70-130				
Chloromethane	10.8		"	9.80		111	70-130				
cis-1,2-Dichloroethylene	8.12		"	10.2		79.6	70-130				
cis-1,3-Dichloropropylene	8.94		"	11.0		81.3	70-130				
Cyclohexane	8.02		"	10.3		77.9	70-130				
Dibromochloromethane	9.98		"	10.6		94.2	70-130				
Dichlorodifluoromethane	9.25		"	9.80		94.4	70-130				
Ethyl acetate	9.17		"	10.4		88.2	70-130				
Ethyl Benzene	7.76		"	10.4		74.6	70-130				
Hexachlorobutadiene	9.19		"	9.10		101	70-130				
Isopropanol	7.26		"	10.0		72.6	70-130				
Methyl Methacrylate	8.71		"	9.80		88.9	70-130				
Methyl tert-butyl ether (MTBE)	7.57		"	10.3		73.5	70-130				
Methylene chloride	8.92		"	10.4		85.8	70-130				
n-Heptane	9.26		"	10.5		88.2	70-130				
n-Hexane	8.28		"	10.5		78.9	70-130				
o-Xylene	8.27		"	10.3		80.3	70-130				
p- & m- Xylenes	16.6		"	20.2		82.2	70-130				
p-Ethyltoluene	8.22		"	10.0		82.2	70-130				
Propylene	10.1		"	10.6		95.0	70-130				
Styrene	8.02		"	10.2		78.6	70-130				
Tetrachloroethylene	9.04		"	9.90		91.3	70-130				
Tetrahydrofuran	9.68		"	10.6		91.3	70-130				
Toluene	8.88		"	10.5		84.6	70-130				
trans-1,2-Dichloroethylene	7.93		"	10.1		78.5	70-130				
trans-1,3-Dichloropropylene	8.39		"	10.3		81.5	70-130				
Trichloroethylene	8.50		"	10.2		83.3	70-130				
Trichlorofluoromethane (Freon 11)	8.24		"	9.90		83.2	70-130				
Vinyl acetate	9.47		"	10.7		88.5	70-130				
Vinyl bromide	7.66		"	10.5		73.0	70-130				
Vinyl Chloride	12.5		"	9.90		126	70-130				
Surrogate: p-Bromofluorobenzene	*9.20*		*"*	*10.4*		*88.5*	*72-118*				

Notes and Definitions

*	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.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record - AIR

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 15G0061

YOUR Information	**Report To:**	**Invoice To:**	**YOUR Project ID**	**Turn-Around Time**	**Report Type/Deliverables**
Company:Hydro Tech Environmental, Corp.	Company:SAME	Company:Hydro Tech Environmental, Corp.	#150133 200 East 135th Street Bronx, NY	RUSH - Same Day ☐	Summary Report ____
Address:15 Ocean Avenue, 2nd Floor Brooklyn, NY 11225	Address:	Address:77 Arkay Drive, Suite G Hauppauge, New York 11788	**Purchase Order No.** 5898	RUSH - Next Day ☐	Summary w/ QA Summary X
Phone No.(718) 636-0800	Phone No.	Phone No.(631) 462-5866		RUSH - Two Day ☐	CT RCP Package ____
Contact Person:Morgan Violette	Attention:	Attention:Muslima Ward		RUSH - Three Day ☐	NY ASP A Package ____
E-Mail Address:mviolette@htecorp.info	E-Mail Address:	E-Mail Address:mward@htecorp.info	Samples from: CT___ NY X NJ___	RUSH - Four Day X	NY ASP B/CLP Pkg ____
				Standard(5-7 Days) ☐	NJDEP Reduced ____
					Electronic Deliverables:
					EDD (Specify Type) X
					Standard Excel X
					Regulatory Comparison Excel ____

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

Adriana Zapata
Samples Collected/Authorized By (Signature)

Adriana Zapata A
Name (printed)

Air Matrix Codes

AI - INDOOR Ambient Air
AO- OUTDOOR Amb. Air
AE- Vapor Extraction Well/ Process Gas/Effluent
AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses

EPA TO-15 List	EPA TO-14A List
NYSDEC VI list	Tentatively Identified Compounds
NYSDEC STARS List	Air VPH
Project Specific List by TO-15	Helium
NJDEP Target List	Methane
CTDEP RCP Target List	OTHER____

Detection Limits Required

≤ 1 ug/m³ ____
NYSDEC VI Limits____ (VI =vapor instrusion)
NJDEP low level ____
Routine Survey ____
Other____

Special Instructions

NYSDEC EQuIS

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum Afer Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
SV-5	7/1/15	AS			EPA TO-15	6 Liter Summa canister X Tedlar Bag ____
OA-1	7/1/15	AO			EPA TO-15	6 Liter Summa canister X Tedlar Bag ____
						6 Liter Summa canister ____ Tedlar Bag ____
						6 Liter Summa canister ____ Tedlar Bag ____
						6 Liter Summa canister ____ Tedlar Bag ____
						6 Liter Summa canister ____ Tedlar Bag ____
						6 Liter Summa canister ____ Tedlar Bag ____
						6 Liter Summa canister ____ Tedlar Bag ____
						6 Liter Summa canister ____ Tedlar Bag ____
						6 Liter Summa canister ____ Tedlar Bag ____

Comments

Please have results in 4 days per Hydro Tech agreement
E-Designation

Adriana Zapata 07-01-15
Samples Relinquished By Date/Time

Adriana Zapata 07-01-15
Samples Relinquished By Date/Time Time: 2:00

KQ 7/1/15 2:00
Samples Received By Date/Time

PMace 7-1-15 1800 –
Samples Received in LAB by Date/Time

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Morgan Violette

Report Date: 06/18/2015
Client Project ID: #150133 200 East 135th Street. Bronx NY
York Project (SDG) No.: 15F0579

Report Date: 06/18/2015
Client Project ID: #150133 200 East 135th Street. Bronx NY
York Project (SDG) No.: 15F0579

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Morgan Violette

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 June 16, 2015 and listed below. The project was identified as your project: **#150133 200 East 135th Street. Bronx NY**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
15F0579-01	SV-1	Soil Vapor	06/16/2015	06/16/2015
15F0579-02	SV-2	Soil Vapor	06/16/2015	06/16/2015
15F0579-03	SV-3	Soil Vapor	06/16/2015	06/16/2015
15F0579-04	SV-4	Soil Vapor	06/16/2015	06/16/2015
15F0579-06	OA-1	Outdoor Ambient Ai	06/16/2015	06/16/2015

General Notes for York Project (SDG) No.: 15F0579

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

Approved By: 

Date: 06/18/2015

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 15F0579-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0579	#150133 200 East 135th Street. Bronx NY	Soil Vapor	June 16, 2015 3:00 pm	06/16/2015

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
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	7.4	15	21.45	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 00:19	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	12	12	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	15	15	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	16	16	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	12	12	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.7	8.7	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	8.5	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	16	16	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	11	11	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	16	16	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	13	13	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.7	8.7	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.9	9.9	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	15	15	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	11	11	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	9.3	9.3	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	13	13	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	9.9	9.9	21.45	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 00:19	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	13	13	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	7.7	7.7	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
78-93-3	2-Butanone	ND		ug/m³	6.3	6.3	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	18	18	21.45	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 00:19	ALD
107-05-1	* 3-Chloropropene	ND		ug/m³	6.7	6.7	21.45	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 00:19	ALD

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 15F0579-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0579	#150133 200 East 135th Street. Bronx NY	Soil Vapor	June 16, 2015 3:00 pm	06/16/2015

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.8	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
67-64-1	Acetone	ND		ug/m³	5.1	5.1	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
107-13-1	* Acrylonitrile	ND		ug/m³	4.7	4.7	21.45	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 00:19	ALD
71-43-2	Benzene	ND		ug/m³	6.9	6.9	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
100-44-7	Benzyl chloride	ND		ug/m³	11	11	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	13	13	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
75-25-2	Bromoform	ND		ug/m³	22	22	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
74-83-9	Bromomethane	ND		ug/m³	8.3	8.3	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
75-15-0	**Carbon disulfide**	**13**		ug/m³	6.7	6.7	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	3.4	3.4	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
108-90-7	Chlorobenzene	ND		ug/m³	9.9	9.9	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
75-00-3	Chloroethane	ND		ug/m³	5.7	5.7	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
67-66-3	Chloroform	ND		ug/m³	10	10	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
74-87-3	Chloromethane	ND		ug/m³	4.4	4.4	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	8.5	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.7	9.7	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
110-82-7	**Cyclohexane**	**8.9**		ug/m³	7.4	7.4	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	17	17	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
75-71-8	**Dichlorodifluoromethane**	**22**		ug/m³	11	11	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	15	15	21.45	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 00:19	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	9.3	9.3	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	23	23	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
67-63-0	Isopropanol	ND		ug/m³	11	11	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD

Sample Information

Client Sample ID: SV-1 **York Sample ID:** 15F0579-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0579	#150133 200 East 135th Street. Bronx NY	Soil Vapor	June 16, 2015 3:00 pm	06/16/2015

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
80-62-6	Methyl Methacrylate	ND		ug/m³	8.8	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.7	7.7	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
75-09-2	Methylene chloride	ND		ug/m³	15	15	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
142-82-5	**n-Heptane**	**23**		ug/m³	8.8	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
110-54-3	**n-Hexane**	**60**		ug/m³	7.6	7.6	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
95-47-6	o-Xylene	ND		ug/m³	9.3	9.3	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m³	19	19	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m³	11	11	21.45	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 00:19	ALD
115-07-1	* Propylene	ND		ug/m³	3.7	3.7	21.45	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 00:19	ALD
100-42-5	Styrene	ND		ug/m³	9.1	9.1	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
127-18-4	Tetrachloroethylene	ND		ug/m³	3.6	3.6	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	6.3	6.3	21.45	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 00:19	ALD
108-88-3	Toluene	ND		ug/m³	8.1	8.1	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	8.5	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.7	9.7	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
79-01-6	Trichloroethylene	ND		ug/m³	2.9	2.9	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**36**		ug/m³	12	12	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
108-05-4	Vinyl acetate	ND		ug/m³	7.6	7.6	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
593-60-2	Vinyl bromide	ND		ug/m³	9.4	9.4	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD
75-01-4	Vinyl Chloride	ND		ug/m³	1.4	1.4	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 00:19	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.5 %*	*72-118*

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 15F0579-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0579	#150133 200 East 135th Street. Bronx NY	Soil Vapor	June 16, 2015 3:00 pm	06/16/2015

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
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	5.9	12	17.08	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 01:08	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.3	9.3	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	13	13	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.3	9.3	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.9	6.9	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	6.8	6.8	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	13	13	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	8.4	8.4	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	13	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	10	10	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.9	6.9	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.9	7.9	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	12	12	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.4	8.4	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	7.4	7.4	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	10	10	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.9	7.9	17.08	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 01:08	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	10	10	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	6.2	6.2	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
78-93-3	2-Butanone	ND		ug/m³	5.0	5.0	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	14	14	17.08	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 01:08	ALD
107-05-1	* 3-Chloropropene	ND		ug/m³	5.3	5.3	17.08	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 01:08	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.0	7.0	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 15F0579-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0579	#150133 200 East 135th Street. Bronx NY	Soil Vapor	June 16, 2015 3:00 pm	06/16/2015

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**	**23**		ug/m³	4.1	4.1	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
107-13-1	* Acrylonitrile	ND		ug/m³	3.7	3.7	17.08	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 01:08	ALD
71-43-2	Benzene	ND		ug/m³	5.5	5.5	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
100-44-7	Benzyl chloride	ND		ug/m³	8.8	8.8	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
75-25-2	Bromoform	ND		ug/m³	18	18	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
74-83-9	Bromomethane	ND		ug/m³	6.6	6.6	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
75-15-0	Carbon disulfide	ND		ug/m³	5.3	5.3	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	2.7	2.7	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
108-90-7	Chlorobenzene	ND		ug/m³	7.9	7.9	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
75-00-3	Chloroethane	ND		ug/m³	4.5	4.5	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
67-66-3	Chloroform	ND		ug/m³	8.3	8.3	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
74-87-3	Chloromethane	ND		ug/m³	3.5	3.5	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	6.8	6.8	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.8	7.8	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
110-82-7	Cyclohexane	ND		ug/m³	5.9	5.9	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	8.4	8.4	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	12	12	17.08	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 01:08	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	7.4	7.4	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	18	18	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
67-63-0	Isopropanol	ND		ug/m³	8.4	8.4	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	7.0	7.0	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.1	6.1	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 15F0579-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0579	#150133 200 East 135th Street. Bronx NY	Soil Vapor	June 16, 2015 3:00 pm	06/16/2015

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
75-09-2	Methylene chloride	ND		ug/m³	12	12	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
142-82-5	n-Heptane	ND		ug/m³	7.0	7.0	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
110-54-3	n-Hexane	ND		ug/m³	6.0	6.0	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
95-47-6	o-Xylene	ND		ug/m³	7.4	7.4	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m³	15	15	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m³	8.4	8.4	17.08	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 01:08	ALD
115-07-1	* Propylene	ND		ug/m³	2.9	2.9	17.08	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 01:08	ALD
100-42-5	Styrene	ND		ug/m³	7.3	7.3	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
127-18-4	**Tetrachloroethylene**	**13**		ug/m³	2.9	2.9	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	5.0	5.0	17.08	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 01:08	ALD
108-88-3	Toluene	ND		ug/m³	6.4	6.4	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.8	6.8	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.8	7.8	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
79-01-6	Trichloroethylene	ND		ug/m³	2.3	2.3	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**36**		ug/m³	9.6	9.6	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
108-05-4	Vinyl acetate	ND		ug/m³	6.0	6.0	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
593-60-2	Vinyl bromide	ND		ug/m³	7.5	7.5	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD
75-01-4	Vinyl Chloride	ND		ug/m³	1.1	1.1	17.08	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:08	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.1 %*	*72-118*

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 15F0579-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0579	#150133 200 East 135th Street. Bronx NY	Soil Vapor	June 16, 2015 3:00 pm	06/16/2015

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 15F0579-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0579	#150133 200 East 135th Street. Bronx NY	Soil Vapor	June 16, 2015 3:00 pm	06/16/2015

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
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	7.2	14	21	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 01:58	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	14	14	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	16	16	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.5	8.5	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	8.3	8.3	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	16	16	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	10	10	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	16	16	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	13	13	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.5	8.5	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.7	9.7	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	15	15	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	10	10	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	9.1	9.1	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	13	13	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	9.7	9.7	21	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 01:58	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	13	13	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	7.6	7.6	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
78-93-3	2-Butanone	ND		ug/m³	6.2	6.2	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	17	17	21	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 01:58	ALD
107-05-1	* 3-Chloropropene	ND		ug/m³	6.6	6.6	21	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 01:58	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.6	8.6	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 15F0579-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0579	#150133 200 East 135th Street. Bronx NY	Soil Vapor	June 16, 2015 3:00 pm	06/16/2015

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**	**20**		ug/m³	5.0	5.0	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
107-13-1	* Acrylonitrile	ND		ug/m³	4.6	4.6	21	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 01:58	ALD
71-43-2	Benzene	ND		ug/m³	6.7	6.7	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
100-44-7	Benzyl chloride	ND		ug/m³	11	11	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	13	13	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
75-25-2	Bromoform	ND		ug/m³	22	22	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
74-83-9	Bromomethane	ND		ug/m³	8.2	8.2	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
75-15-0	**Carbon disulfide**	**17**		ug/m³	6.5	6.5	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	3.3	3.3	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
108-90-7	Chlorobenzene	ND		ug/m³	9.7	9.7	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
75-00-3	Chloroethane	ND		ug/m³	5.5	5.5	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
67-66-3	Chloroform	ND		ug/m³	10	10	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
74-87-3	Chloromethane	ND		ug/m³	4.3	4.3	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	8.3	8.3	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.5	9.5	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
110-82-7	Cyclohexane	ND		ug/m³	7.2	7.2	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	17	17	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
75-71-8	**Dichlorodifluoromethane**	**54**		ug/m³	10	10	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	15	15	21	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 01:58	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	9.1	9.1	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	22	22	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
67-63-0	Isopropanol	ND		ug/m³	10	10	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	8.6	8.6	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 15F0579-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0579	#150133 200 East 135th Street. Bronx NY	Soil Vapor	June 16, 2015 3:00 pm	06/16/2015

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.6	7.6	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
75-09-2	Methylene chloride	ND		ug/m³	15	15	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
142-82-5	n-Heptane	ND		ug/m³	8.6	8.6	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
110-54-3	n-Hexane	ND		ug/m³	7.4	7.4	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
95-47-6	o-Xylene	ND		ug/m³	9.1	9.1	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m³	18	18	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m³	10	10	21	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 01:58	ALD
115-07-1	* Propylene	ND		ug/m³	3.6	3.6	21	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 01:58	ALD
100-42-5	Styrene	ND		ug/m³	8.9	8.9	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
127-18-4	**Tetrachloroethylene**	**19**		ug/m³	3.6	3.6	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	6.2	6.2	21	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 01:58	ALD
108-88-3	Toluene	ND		ug/m³	7.9	7.9	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	8.3	8.3	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.5	9.5	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
79-01-6	Trichloroethylene	ND		ug/m³	2.8	2.8	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**34**		ug/m³	12	12	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
108-05-4	Vinyl acetate	ND		ug/m³	7.4	7.4	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
593-60-2	Vinyl bromide	ND		ug/m³	9.2	9.2	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD
75-01-4	Vinyl Chloride	ND		ug/m³	1.3	1.3	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 01:58	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.9 %*	*72-118*

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 15F0579-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0579	#150133 200 East 135th Street. Bronx NY	Soil Vapor	June 16, 2015 3:00 pm	06/16/2015

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
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	7.2	14	21	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 02:47	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	14	14	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	16	16	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.5	8.5	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	8.3	8.3	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	16	16	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	10	10	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	16	16	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	13	13	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.5	8.5	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.7	9.7	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	15	15	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	10	10	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	9.1	9.1	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	13	13	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	9.7	9.7	21	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 02:47	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	13	13	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	7.6	7.6	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
78-93-3	2-Butanone	ND		ug/m³	6.2	6.2	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	17	17	21	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 02:47	ALD
107-05-1	* 3-Chloropropene	ND		ug/m³	6.6	6.6	21	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 02:47	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.6	8.6	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 15F0579-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0579	#150133 200 East 135th Street. Bronx NY	Soil Vapor	June 16, 2015 3:00 pm	06/16/2015

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**	**13**		ug/m³	5.0	5.0	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
107-13-1	* Acrylonitrile	ND		ug/m³	4.6	4.6	21	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 02:47	ALD
71-43-2	Benzene	ND		ug/m³	6.7	6.7	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
100-44-7	Benzyl chloride	ND		ug/m³	11	11	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	13	13	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
75-25-2	Bromoform	ND		ug/m³	22	22	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
74-83-9	Bromomethane	ND		ug/m³	8.2	8.2	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
75-15-0	Carbon disulfide	ND		ug/m³	6.5	6.5	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	3.3	3.3	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
108-90-7	Chlorobenzene	ND		ug/m³	9.7	9.7	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
75-00-3	Chloroethane	ND		ug/m³	5.5	5.5	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
67-66-3	Chloroform	ND		ug/m³	10	10	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
74-87-3	Chloromethane	ND		ug/m³	4.3	4.3	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	8.3	8.3	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.5	9.5	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
110-82-7	Cyclohexane	ND		ug/m³	7.2	7.2	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	17	17	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
75-71-8	**Dichlorodifluoromethane**	**17**		ug/m³	10	10	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	15	15	21	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 02:47	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	9.1	9.1	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	22	22	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
67-63-0	Isopropanol	ND		ug/m³	10	10	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	8.6	8.6	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 15F0579-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0579	#150133 200 East 135th Street. Bronx NY	Soil Vapor	June 16, 2015 3:00 pm	06/16/2015

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.6	7.6	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
75-09-2	Methylene chloride	ND		ug/m³	15	15	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
142-82-5	n-Heptane	ND		ug/m³	8.6	8.6	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
110-54-3	n-Hexane	ND		ug/m³	7.4	7.4	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
95-47-6	o-Xylene	ND		ug/m³	9.1	9.1	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m³	18	18	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m³	10	10	21	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 02:47	ALD
115-07-1	* Propylene	ND		ug/m³	3.6	3.6	21	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 02:47	ALD
100-42-5	Styrene	ND		ug/m³	8.9	8.9	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
127-18-4	**Tetrachloroethylene**	**130**		ug/m³	3.6	3.6	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	6.2	6.2	21	EPA TO-15 Certifications:	06/17/2015 18:13	06/18/2015 02:47	ALD
108-88-3	Toluene	ND		ug/m³	7.9	7.9	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	8.3	8.3	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.5	9.5	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
79-01-6	Trichloroethylene	ND		ug/m³	2.8	2.8	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**15**		ug/m³	12	12	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
108-05-4	Vinyl acetate	ND		ug/m³	7.4	7.4	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
593-60-2	Vinyl bromide	ND		ug/m³	9.2	9.2	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD
75-01-4	Vinyl Chloride	ND		ug/m³	1.3	1.3	21	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/18/2015 02:47	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.4 %*	*72-118*

Sample Information

Client Sample ID: OA-1 **York Sample ID:** 15F0579-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0579	#150133 200 East 135th Street. Bronx NY	Outdoor Ambient Air	June 16, 2015 3:00 pm	06/16/2015

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
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.34	0.69	1	EPA TO-15 Certifications:	06/17/2015 18:13	06/17/2015 22:28	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.74	0.74	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**3.9**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.70	0.70	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
108-67-8	**1,3,5-Trimethylbenzene**	**1.1**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.46	0.46	1	EPA TO-15 Certifications:	06/17/2015 18:13	06/17/2015 22:28	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	0.36	0.36	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
78-93-3	**2-Butanone**	**4.2**		ug/m³	0.29	0.29	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	0.82	0.82	1	EPA TO-15 Certifications:	06/17/2015 18:13	06/17/2015 22:28	ALD
107-05-1	* 3-Chloropropene	ND		ug/m³	0.31	0.31	1	EPA TO-15 Certifications:	06/17/2015 18:13	06/17/2015 22:28	ALD

Sample Information

Client Sample ID: **OA-1** **York Sample ID:** **15F0579-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0579	#150133 200 East 135th Street. Bronx NY	Outdoor Ambient Air	June 16, 2015 3:00 pm	06/16/2015

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
67-64-1	**Acetone**	**41**		ug/m³	0.24	0.24	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
107-13-1	* Acrylonitrile	ND		ug/m³	0.22	0.22	1	EPA TO-15 Certifications:	06/17/2015 18:13	06/17/2015 22:28	ALD
71-43-2	**Benzene**	**6.3**		ug/m³	0.32	0.32	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
100-44-7	Benzyl chloride	ND		ug/m³	0.52	0.52	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	0.62	0.62	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
75-25-2	Bromoform	ND		ug/m³	1.0	1.0	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
75-15-0	Carbon disulfide	ND		ug/m³	0.31	0.31	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
56-23-5	**Carbon tetrachloride**	**0.50**		ug/m³	0.16	0.16	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
108-90-7	Chlorobenzene	ND		ug/m³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
75-00-3	Chloroethane	ND		ug/m³	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
67-66-3	**Chloroform**	**0.54**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
74-87-3	**Chloromethane**	**2.1**		ug/m³	0.21	0.21	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
110-82-7	**Cyclohexane**	**5.0**		ug/m³	0.34	0.34	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	0.80	0.80	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
75-71-8	**Dichlorodifluoromethane**	**2.4**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	0.72	0.72	1	EPA TO-15 Certifications:	06/17/2015 18:13	06/17/2015 22:28	ALD
100-41-4	**Ethyl Benzene**	**3.8**		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
67-63-0	**Isopropanol**	**84**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD

Sample Information

Client Sample ID: OA-1 **York Sample ID:** 15F0579-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0579	#150133 200 East 135th Street. Bronx NY	Outdoor Ambient Air	June 16, 2015 3:00 pm	06/16/2015

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
80-62-6	Methyl Methacrylate	ND		ug/m³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	0.36	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
75-09-2	**Methylene chloride**	**53**		ug/m³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
142-82-5	**n-Heptane**	**7.7**		ug/m³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
110-54-3	**n-Hexane**	**34**		ug/m³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
95-47-6	**o-Xylene**	**4.8**		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
179601-23-1	**p- & m- Xylenes**	**15**		ug/m³	0.87	0.87	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
622-96-8	*** p-Ethyltoluene**	**3.5**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications:	06/17/2015 18:13	06/17/2015 22:28	ALD
115-07-1	* Propylene	ND		ug/m³	0.17	0.17	1	EPA TO-15 Certifications:	06/17/2015 18:13	06/17/2015 22:28	ALD
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
127-18-4	**Tetrachloroethylene**	**240**		ug/m³	0.17	0.17	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.29	0.29	1	EPA TO-15 Certifications:	06/17/2015 18:13	06/17/2015 22:28	ALD
108-88-3	**Toluene**	**32**		ug/m³	0.38	0.38	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
79-01-6	**Trichloroethylene**	**0.32**		ug/m³	0.13	0.13	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**11**		ug/m³	0.56	0.56	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
108-05-4	Vinyl acetate	ND		ug/m³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
593-60-2	Vinyl bromide	ND		ug/m³	0.44	0.44	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD
75-01-4	Vinyl Chloride	ND		ug/m³	0.064	0.064	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	06/17/2015 18:13	06/17/2015 22:28	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.1 %*	*72-118*

Analytical Batch Summary

Batch ID: BF50867 **Preparation Method:** EPA TO15 PREP **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15F0579-01	SV-1	06/17/15
15F0579-02	SV-2	06/17/15
15F0579-03	SV-3	06/17/15
15F0579-04	SV-4	06/17/15
15F0579-06	OA-1	06/17/15
BF50867-BLK1	Blank	06/17/15
BF50867-BS1	LCS	06/17/15
BF50867-DUP1	Duplicate	06/17/15

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50867 - EPA TO15 PREP											
Blank (BF50867-BLK1)											
Prepared & Analyzed: 06/17/2015											
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.43	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.36	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	0.31	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.24	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.62	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.80	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50867 - EPA TO15 PREP											
Blank (BF50867-BLK1)								Prepared & Analyzed: 06/17/2015			
o-Xylene	ND	0.43	ug/m³								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.29	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.064	"								
Surrogate: p-Bromofluorobenzene	*9.28*		*ppbv*	*10.4*		*89.2*	*72-118*				
LCS (BF50867-BS1)								Prepared & Analyzed: 06/17/2015			
1,1,1,2-Tetrachloroethane	8.63		ppbv	10.5		82.2	82-126				
1,1,1-Trichloroethane	8.18		"	10.2		80.2	70-130				
1,1,2,2-Tetrachloroethane	7.96		"	10.3		77.3	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.23		"	10.4		79.1	70-130				
1,1,2-Trichloroethane	9.23		"	10.3		89.6	70-130				
1,1-Dichloroethane	8.34		"	10.2		81.8	70-130				
1,1-Dichloroethylene	8.31		"	10.4		79.9	70-130				
1,2,4-Trichlorobenzene	7.02		"	9.00		78.0	70-130				
1,2,4-Trimethylbenzene	8.24		"	10.2		80.8	70-130				
1,2-Dibromoethane	9.21		"	10.4		88.6	70-130				
1,2-Dichlorobenzene	8.95		"	10.1		88.6	70-130				
1,2-Dichloroethane	8.28		"	10.2		81.2	70-130				
1,2-Dichloropropane	8.96		"	10.2		87.8	70-130				
1,2-Dichlorotetrafluoroethane	9.76		"	9.80		99.6	70-130				
1,3,5-Trimethylbenzene	7.89		"	10.0		78.9	70-130				
1,3-Butadiene	14.6		"	10.1		144	70-130	High Bias			
1,3-Dichlorobenzene	9.07		"	10.2		88.9	70-130				
1,3-Dichloropropane	8.89		"	10.5		84.7	70-130				
1,4-Dichlorobenzene	9.01		"	10.1		89.2	70-130				
1,4-Dioxane	8.09		"	10.2		79.3	70-130				
2-Butanone	9.25		"	10.4		88.9	70-130				
2-Hexanone	11.2		"	10.5		107	70-130				
3-Chloropropene	9.32		"	10.7		87.1	70-130				
4-Methyl-2-pentanone	10.3		"	10.2		101	70-130				
Acetone	8.87		"	10.6		83.7	70-130				
Acrylonitrile	7.43		"	10.3		72.1	70-130				
Benzene	7.73		"	10.3		75.0	70-130				
Benzyl chloride	6.54		"	10.2		64.1	70-130	Low Bias			
Bromodichloromethane	9.24		"	10.2		90.6	70-130				
Bromoform	9.04		"	10.1		89.5	70-130				
Bromomethane	7.22		"	9.50		76.0	70-130				
Carbon disulfide	8.47		"	10.5		80.7	70-130				
Carbon tetrachloride	8.50		"	10.2		83.3	70-130				
Chlorobenzene	7.87		"	10.5		75.0	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
Batch BF50867 - EPA TO15 PREP											
LCS (BF50867-BS1)								Prepared & Analyzed: 06/17/2015			
Chloroethane	7.22		ppbv	9.40		76.8	70-130				
Chloroform	7.73		"	10.4		74.3	70-130				
Chloromethane	12.1		"	9.80		124	70-130				
cis-1,2-Dichloroethylene	8.28		"	10.2		81.2	70-130				
cis-1,3-Dichloropropylene	9.15		"	11.0		83.2	70-130				
Cyclohexane	8.13		"	10.3		78.9	70-130				
Dibromochloromethane	10.3		"	10.6		97.0	70-130				
Dichlorodifluoromethane	9.55		"	9.80		97.4	70-130				
Ethyl acetate	9.38		"	10.4		90.2	70-130				
Ethyl Benzene	7.76		"	10.4		74.6	70-130				
Hexachlorobutadiene	7.98		"	9.10		87.7	70-130				
Isopropanol	7.69		"	10.0		76.9	70-130				
Methyl Methacrylate	8.84		"	9.80		90.2	70-130				
Methyl tert-butyl ether (MTBE)	7.47		"	10.3		72.5	70-130				
Methylene chloride	9.05		"	10.4		87.0	70-130				
n-Heptane	9.58		"	10.5		91.2	70-130				
n-Hexane	8.50		"	10.5		81.0	70-130				
o-Xylene	8.29		"	10.3		80.5	70-130				
p- & m- Xylenes	16.7		"	20.2		82.8	70-130				
p-Ethyltoluene	7.98		"	10.0		79.8	70-130				
Propylene	9.78		"	10.6		92.3	70-130				
Styrene	8.11		"	10.2		79.5	70-130				
Tetrachloroethylene	9.25		"	9.90		93.4	70-130				
Tetrahydrofuran	9.37		"	10.6		88.4	70-130				
Toluene	9.04		"	10.5		86.1	70-130				
trans-1,2-Dichloroethylene	8.09		"	10.1		80.1	70-130				
trans-1,3-Dichloropropylene	8.65		"	10.3		84.0	70-130				
Trichloroethylene	8.80		"	10.2		86.3	70-130				
Trichlorofluoromethane (Freon 11)	8.28		"	9.90		83.6	70-130				
Vinyl acetate	9.96		"	10.7		93.1	70-130				
Vinyl bromide	7.82		"	10.5		74.5	70-130				
Vinyl Chloride	14.2		"	9.90		143	70-130	High Bias			
Surrogate: p-Bromofluorobenzene	*9.10*		*"*	*10.4*		*87.5*	*72-118*				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50867 - EPA TO15 PREP											
Duplicate (BF50867-DUP1)	*Source sample: 15F0579-06 (OA-1)								Prepared & Analyzed: 06/17/2015		
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³		ND					200	
1,1,1-Trichloroethane	ND	0.55	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.69	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"		ND					25	
1,1,2-Trichloroethane	ND	0.55	"		ND					25	
1,1-Dichloroethane	ND	0.40	"		ND					25	
1,1-Dichloroethylene	ND	0.40	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.74	"		ND					25	
1,2,4-Trimethylbenzene	4.0	0.49	"		3.9				2.47	25	
1,2-Dibromoethane	ND	0.77	"		ND					25	
1,2-Dichlorobenzene	ND	0.60	"		ND					25	
1,2-Dichloroethane	ND	0.40	"		ND					25	
1,2-Dichloropropane	ND	0.46	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.70	"		ND					25	
1,3,5-Trimethylbenzene	1.1	0.49	"		1.1				0.00	25	
1,3-Butadiene	ND	0.43	"		ND					25	
1,3-Dichlorobenzene	ND	0.60	"		ND					25	
1,3-Dichloropropane	ND	0.46	"		ND					25	
1,4-Dichlorobenzene	ND	0.60	"		ND					25	
1,4-Dioxane	ND	0.36	"		ND					25	
2-Butanone	4.3	0.29	"		4.2				4.17	25	
2-Hexanone	ND	0.82	"		ND					25	
3-Chloropropene	ND	0.31	"		ND					25	
4-Methyl-2-pentanone	ND	0.41	"		ND					25	
Acetone	42	0.24	"		41				0.916	25	
Acrylonitrile	ND	0.22	"		ND					25	
Benzene	6.5	0.32	"		6.3				3.98	25	
Benzyl chloride	ND	0.52	"		ND					25	
Bromodichloromethane	ND	0.62	"		ND					25	
Bromoform	ND	1.0	"		ND					25	
Bromomethane	ND	0.39	"		ND					25	
Carbon disulfide	ND	0.31	"		ND					25	
Carbon tetrachloride	0.50	0.16	"		0.50				0.00	25	
Chlorobenzene	ND	0.46	"		ND					25	
Chloroethane	ND	0.26	"		ND					25	
Chloroform	0.54	0.49	"		0.54				0.00	25	
Chloromethane	1.9	0.21	"		2.1				9.23	25	
cis-1,2-Dichloroethylene	ND	0.40	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.45	"		ND					25	
Cyclohexane	5.3	0.34	"		5.0				5.33	25	
Dibromochloromethane	ND	0.80	"		ND					25	
Dichlorodifluoromethane	2.4	0.49	"		2.4				0.00	25	
Ethyl acetate	ND	0.72	"		ND					25	
Ethyl Benzene	3.9	0.43	"		3.8				3.39	25	
Hexachlorobutadiene	ND	1.1	"		ND					25	
Isopropanol	87	0.49	"		84				3.35	25	
Methyl Methacrylate	ND	0.41	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.36	"		ND					25	
Methylene chloride	54	0.69	"		53				1.37	25	
n-Heptane	7.9	0.41	"		7.7				1.57	25	
n-Hexane	35	0.35	"		34				2.66	25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF50867 - EPA TO15 PREP											
Duplicate (BF50867-DUP1)	*Source sample: 15F0579-06 (OA-1)								Prepared & Analyzed: 06/17/2015		
o-Xylene	5.0	0.43	ug/m³		4.8				2.67	25	
p- & m- Xylenes	15	0.87	"		15				2.93	25	
p-Ethyltoluene	3.6	0.49	"		3.5				2.74	25	
Propylene	ND	0.17	"		ND					25	
Styrene	ND	0.43	"		ND					25	
Tetrachloroethylene	240	0.17	"		240				1.58	25	
Tetrahydrofuran	ND	0.29	"		ND					25	
Toluene	32	0.38	"		32				0.470	25	
trans-1,2-Dichloroethylene	ND	0.40	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.45	"		ND					25	
Trichloroethylene	ND	0.13	"		0.32					25	
Trichlorofluoromethane (Freon 11)	11	0.56	"		11				6.65	25	
Vinyl acetate	ND	0.35	"		ND					25	
Vinyl bromide	ND	0.44	"		ND					25	
Vinyl Chloride	ND	0.064	"		ND					25	
Surrogate: p-Bromofluorobenzene	*9.51*		*ppbv*	*10.4*		*91.4*	*72-118*				

Notes and Definitions

*	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.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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. 15F0579

YOUR Information
Company: Hydro Tech Environmental (CT.)
Address: 15 Ocean Ave, 2nd flor
Brooklyn, NY 11225
Phone No. (718) 636-0800
Contact Person: Morgan Violette
E-Mail Address: mviolette@htenv.info

Report To:
Company:
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Hydro Tech Environmental (CT.)
Address: 77 Arkay Drive, Suite G, Hauppauge, NY 11788
Phone No. (631) 462-5866
Attention: Mushma Ward
E-Mail Address: mward@htenv.info

YOUR Project ID
#150133
200 East 135th Street
Bronx, NY

Purchase Order No.
5880.

Samples from: CT ___ NY X NJ ___

Turn-Around Time
RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☐
RUSH - Three Day ☐
RUSH - Four Day ☒
Standard(5-7 Days) ☐

Report Type/Deliverables
Summary Report
Summary w/ QA Summary X
CT RCP Package
NY ASP A Package
NY ASP B/CLP Pkg
NJDEP Reduced
Electronic Deliverables:
EDD (Specify Type) X
Standard Excel X
Regulatory Comparison Excel

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

Additional Notes:

Detection Limits Required
≤ 1 ug/m³
NYSDEC VI Limits (VI = vapor intrusion)
NJDEP low level
Routine Survey
Other

Special Instructions
NYSDEC EQUIS

Adriana Zapata. A.
Samples Collected/Authorized By (Signature)

Adriana Zapata
Name (printed)

Air Matrix Codes
AI - INDOOR Ambient Air
AO- OUTDOOR Amb. Air
AE- Vapor Extraction Well/ Process Gas/Effluent
AS- SOIL Vapor/Sub-Slab

Please enter the following Field Data

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Cont.ID	ANALYSES REQUESTED	Sampling Media
SV-1	6-16/15	AS					EPA TO-15	6 Liter canister X / Tedlar Bag
SV-2	6/16/15	AS					EPA TO-15	6 Liter canister X / Tedlar Bag
SV-3	6/16/15	AS					EPA TO-15	6 Liter canister X / Tedlar Bag
SV-4	6/16/15	AS					EPA TO-15	6 Liter canister X / Tedlar Bag
SV-5	6/16/15	AS					EPA TO-15	6 Liter canister X / Tedlar Bag
OA-1	6/16/15	AO					EPA TO-15	6 Liter canister X / Tedlar Bag
								6 Liter canister ___ / Tedlar Bag
								6 Liter canister ___ / Tedlar Bag
								6 Liter canister ___ / Tedlar Bag
								6 Liter canister ___ / Tedlar Bag

Comments
Please have results in 4 days per Hydro Tech agreement E-Designation.

Adriana Zapata 06-16-15
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

Kyle Colon 6/16/15 2:35
Samples Received By Date/Time

Grace 6-16-15 17:55
Samples Received in LAB by Date/Time

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record - AIR

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 15F0579

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company:Hydro Tech Environmental, Corp.	Company:SAME	Company:Hydro Tech Environmental, Corp	#150133	RUSH - Same Day ☐	Summary Report ____
Address:15 Ocean Avenue, 2nd Floor Brooklyn, NY 11225	Address:	Address:77 Arkay Drive Suite G Hauppauge, New York 11788	200 East 135th Street Bronx, NY	RUSH - Next Day ☐	Summary w/ QA Summary X
Phone No.(718) 636-0800	Phone No.	Phone No.(631) 462-5866	Purchase Order No. 5880	RUSH - Two Day ☐	CT RCP Package ____
Contact Person:Morgan Violette	Attention:	Attention:Muslima Ward		RUSH - Three Day ☐	NY ASP A Package ____
E-Mail Address:mviolette@htecorp.info	E-Mail Address:	E-Mail Address:mward@htecorp.info	Samples from: CT ___ NY X NJ ___	RUSH - Four Day X	NY ASP B/CLP Pkg ____
				Standard(5-7 Days) ☐	NJDEP Reduced ____
					Electronic Deliverables:
					EDD (Specify Type) X
					Standard Excel X
					Regulatory Comparison Excel ____

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

Samples Collected/Authorized By (Signature)

Name (printed)

Air Matrix Codes

AI - INDOOR Ambient Air
AO- OUTDOOR Amb. Air
AE- Vapor Extraction Well/ Process Gas/Effluent
AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses

EPA TO-15 List
EPA TO-14A List
NYSDEC VI list
Tentatively Identified Compounds
NYSDEC STARS List
Air VPH
Project Specific List by TO-15
Helium
NJDEP Target List
Methane
CTDEP RCP Target List
OTHER

Detection Limits Required

≤ 1 ug/m³
NYSDEC VI Limits (VI = vapor intrusion)
NJDEP low level
Routine Survey
Other

Special Instructions

NYSDEC EQuIS

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
SV-1	6/16/15	AS			EPA TO-15	6 Liter Summa canister X Tedlar Bag
SV-2	6/16/15	AS			EPA TO-15	6 Liter Summa canister X Tedlar Bag
SV-3	6/16/15	AS			EPA TO-15	6 Liter Summa canister X Tedlar Bag
SV-4	6/16/15	AS			EPA TO-15	6 Liter Summa canister X Tedlar Bag
SV-5	6/16/15	AS			EPA TO-15	6 Liter Summa canister X Tedlar Bag
OA-1	6/16/15	AO			EPA TO-15	6 Liter Summa canister X Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag

Comments

Please have results in 4 days per Hydro Tech agreement
E-Designation

Samples Relinquished By — Date/Time

Samples Relinquished By — Date/Time

Samples Received By — Date/Time
P Grace 6-16-15 1755

Samples Received in LAB by — Date/Time