

FORMER SUNBELT EQUIPMENT

25 KENT AVENUE
BROOKLYN, NEW YORK
Block 2312 Lot 1

REMEDIAL INVESTIGATION REPORT

December 2014

Prepared for:
19 Kent Development LLC
199 Lee Avenue # 693
Brooklyn, NY 11211



ENVIRONMENTAL BUSINESS CONSULTANTS

1808 Middle Country Road
Ridge, NY 11961

TABLE OF CONTENTS
Remedial Investigation Report
Former Sunbelt Equipment

1.0	INTRODUCTION.....	1
1.1	Project Background.....	1
1.2	Site Location and Description	1
1.3	Redevelopment Plans	2
1.4	Site History	2
1.5	Summary of Previous Investigations	3
	1.5.1 Phase I Environmental Site Assessment - EBC (Nov. 2014)	3
	1.5.2 Spill File 9906462 Documents.....	4
2.0	REMEDIAL INVESTIGATION	6
2.1	Field Investigation	6
2.2	Soil Sampling.....	6
	2.2.1 Test Pits	6
2.3	Monitoring Well Installation	6
	2.3.1 Groundwater Sampling	7
2.4	Soil Vapor Sampling.....	7
	2.4.1 Installation of Soil Vapor Implants	7
	2.4.2 Surface Seal Test Procedure	8
	2.4.3 Soil vapor Sample Collection	8
2.5	Laboratory Analysis	8
	2.5.1 Analytical Results - Soil Samples	8
	2.5.2 Analytical Results - Groundwater Samples	11
	2.5.3 Analytical Results - Soil vapor Samples	11
	2.5.4 Data Usability Summary Report.....	12
3.0	HYDROGEOLOGIC ASSESSMENT AND PHYSICAL SETTING	13
3.1	Site Topography.....	13
3.2	Surrounding Land Use	13
3.3	Regional Geology / Hydrogeology	13
3.4	Site Geology / Hydrogeology.....	13
4.0	NATURE AND EXTENT OF CONTAMINATION.....	15
4.1	Identification of Source Areas	15
4.2	Groundwater Impacts	15
4.3	Soil Vapor Impacts	15
4.4	Site Conceptual Model	16
5.0	QUALITATIVE EXPOSURE ASSESSMENT	17
5.1	Contaminant Areas.....	17
5.2	Contaminant Release and Transport Mechanism	17
5.3	Point of Exposure, Route of Exposure and Potentially Exposed Populations.....	17
6.0	CONCLUSIONS AND RECOMENDATIONS	19
7.0	REFERENCES.....	21

TABLE OF CONTENTS

Remedial Investigation Report

Former Sunbelt Equipment

TABLES

Table 1	Summary of Soil, Groundwater and Soil Vapor Sampling and Analysis
Table 2	Summary of Water Level Data, December 22, 2014
Table 3	Laboratory Results - Test Pit Sampling Results, TPA1 (0-12 ft)
Table 4	Laboratory Results - Test Pit Sampling Results, TPA2 (0-12 ft)
Table 5	Laboratory Results - Test Pit Sampling Results, TPA3 (0-12 ft)
Table 6	Laboratory Results - Test Pit Sampling Results, TPB1 (0-15 ft)
Table 7	Laboratory Results - Test Pit Sampling Results, TPB2 (0-15 ft)
Table 8	Laboratory Results - Test Pit Sampling Results, TPC1 (0-18 ft)
Table 9	Laboratory Results - Test Pit Sampling Results, TPC2 (0-18 ft)
Table 10	Laboratory Results - Test Pit Sampling Results, TPC3 (0-18 ft)
Table 11	Laboratory Results - Test Pit Sampling Results, TPD1 (0-18 ft)
Table 12	Laboratory Results - Groundwater Analytical Results, Volatile Organic Compounds
Table 13	Laboratory Results - Groundwater Analytical Results, Semi-Volatile Organic Compounds
Table 14	Laboratory Results - Groundwater Analytical Results, Pesticides / PCBs
Table 15	Laboratory Results - Groundwater Analytical Results, Metals
Table 16	Laboratory Results - Soil Gas Analytical Results, Volatile Organic Compounds
Table 17	Parameters Detected Above Track 1 Soil Cleanup Objectives
Table 18	Parameters Detected Above Ambient Groundwater Standards

FIGURES

Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Test Pit Locations
Figure 4	Monitoring Well and Soil Vapor Sampling Locations
Figure 5	Groundwater Elevation and Flow Map (12/22/14)
Figure 6a	Posted Soil Results above Unrestricted / Restricted SCOs (Shallow Soil)
Figure 6b	Posted Soil Results above Unrestricted / Restricted SCOs (Deep Soil)
Figure 7	Posted Groundwater Results above AWQS
Figure 8	Posted Soil Vapor Results

APPENDICES

Appendix A	Test Pit Logs
Appendix B	Monitoring Well Completion Reports
Appendix C	Groundwater Sampling Logs
Appendix D	Soil Vapor Sampling Log
Appendix E	Laboratory Reports (On Disk)
Appendix F	Data Usability Summary Reports (to be forwarded upon receipt)

LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
BCP	Brownfields Cleanup Program
BCA	Brownfield Site Cleanup Agreement
ESA	Environmental Site Assessment
EBC	Environmental Business Consultants
IRM	Interim Remedial Measure Work Plan
NYCDEP	New York City Department of Environmental Protection
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PID	Photo-Ionization Detector
RI	Remedial Investigation
RIWR	Remedial Investigation Work Plan
SVOC	Semi-Volatile Organic Compound
UST	Underground Storage Tank
VOC	Volatile Organic Compound

REPORT CERTIFICAION

I, Charles Sosik certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.



Charles B. Sosik, P.G., P.H.G.

Date: 12-31-14

1.0 INTRODUCTION

1.1 Project Background

This Remedial Investigation Report (RIR) was prepared on behalf of 19 Kent Development LLC for the property located at 25 Kent Avenue in the borough of Brooklyn, New York. This RIR along with a Remedial Action Work Plan and related documents are being submitted to the New York State Department of Environmental Conservation (NYSDEC) with an application to admit the Project Site into the New York State Brownfield Cleanup Program (BCP).

The purpose of the Remedial Investigation (RI) is to collect data of sufficient quality and quantity to characterize the nature and extent of contamination in on-site groundwater, soil and soil vapor, to complete a qualitative exposure assessment for future occupants of the buildings and the surrounding community.

The overall objectives of the project are to prepare the site for unrestricted use as defined in the Brownfield Cleanup Agreement and to remediate known and unknown environmental conditions at the site to the satisfaction of the NYSDEC and the New York State Department of Health (NYSDOH).

The field work portion of the RI was conducted by EBC from November 21st to December 22nd, 2014.

1.2 Site Location and Description

The subject property is located at 25 Kent Avenue, in the Williamsburg neighborhood of Brooklyn NY (**Figure 1**). The Site is comprised of a single tax parcel covering 80,000 square feet (1.83 acres). The subject property is located in the City of New York and Borough of Brooklyn (Kings County) and is identified as Block 2282 Lot 1 on the NY City tax map. The lot encompasses the entire block with approximately 200 ft of street frontage on Kent and Wythe Avenues and 400 feet of street frontage on N. 12th and N. 13th Streets (See **Figure 2** - Site Plan). Currently the property is vacant but was most recently occupied by Sunbelt Equipment, a construction equipment rental company.

The Site had been improved with two groups of interconnected structures, identified as the East and West Buildings. The West Building was situated at the south-central portion of the Site and is comprised of one (1) one-story structure and two (2) one and partial two-story structures, each of which fronts along North 12th Street. These structures have an approximate footprint of 10,500 s.f. The Eastern Building is an “L”-shaped structure comprised of two (2) interconnected two-story buildings, with a partial basement (boiler room). The buildings have an approximate footprint of 11,375 s.f., and run west along North 12th Street from Wythe Avenue, before turning north, and continuing to the northern property boundary along North 13th Street. The buildings are vacant/unoccupied and undergoing demolition. As of the date of this report only a single building remains intact.

Remaining portions of the Site consist of asphalt and concrete paved yard areas, except for a small unpaved area at the northeastern portion of the Site. The perimeter of the Site, not bounded by

buildings, is enclosed with chain-link, corrugated metal and/or plywood fencing approximately 10 feet tall, with a sidewalk shed located along portions of North 12th Street and roll-up access gates located on the north, south and east sides of the property.

The elevation of the Site is ranges from 11 to 15 feet above the National Geodetic Vertical Datum (NGVD). The area topography gradually slopes to the west. The depth to groundwater beneath the Site is approximately 5-12 feet below grade. According to an investigation performed on the property in 2006, groundwater flows to the southeast. This flow direction was confirmed during the RI.

The area surrounding the property is highly urbanized and predominantly consists of older heavy industry properties along the waterfront east to Kent and Wythe Avenues. Many of these properties are being renovated and repurposed, such as the City park to the west or redeveloped with new commercial buildings such as hotels, office and retail space. The areas east of Wythe Avenue have been undergoing a transformation as former industrial properties are being redeveloped for residential use. This transformation was related to the upzoning of many commercial industrial properties to residential as part of the Greenpoint-Williamsburg Rezoning Action. The proposed project is compatible with the surrounding land use and will be in compliance with current zoning.

1.3 Redevelopment Plans

The site is to be redeveloped through the new construction of a 10-story commercial building which will cover the entire Site. Plans include a 2-level cellar parking garage requiring excavation of the entire Site to a depth of 15-20 ft below grade. With groundwater present at 5-12 feet below grade, dewatering will be required during construction of the building's foundation.

The project includes retail space on the first floor, a health care facility on floors 2 through 9 and office space on the 10th floor. The basement levels will be used for parking and meter rooms.

1.4 Site History

The environmental history of the subject lot was previously investigated through the review of Federal and State Environmental databases, Environmental Sanborn Fire Insurance maps, NYC Department of Building records and the NYC Department of Finance databases as part of a Phase I Environmental Site Assessment completed in November 2014 by EBC.

A history dating back to 1887 was established. The Site was comprised of as up to seven separate tax parcels, each occupied by various commercial/retail and industrial uses, including the Pratt Manufacturing Co., a cooperage, a varnish manufacturing facility, two lime manufacturing facilities and several retail stores by at least 1888. By 1905, the Pratt Manufacturing facility was identified as the Standard Oil Co., with multiple aboveground petroleum tanks present. The two lime facilities were replaced with an iron works storage yard by 1916. By 1941, the Standard Oil facility was demolished, with the northwestern and eastern portions of the Site shown as undeveloped. Central portions of the Site remain developed with a varnish works. By the early 1950s, the Site was occupied by metal and lumber storage yards and a paint manufacturer. Between the mid-1960s and late-1970s, the paint manufacturing building was converted to a warehouse and several of the other

structures at the central portion of the Site were demolished. By the mid-1980s, the Site was occupied by an equipment rental facility and storage yard. The westernmost structure was demolished in 2012 and the Site was vacated sometime after April 2014.

1.5 Summary of Previous Investigations

Environmental investigations performed at the Site include the following:

- Phase I Environmental Site Assessment Report - EBC (November 2014)
- Spill File 9906462 Documents

1.5.1 November 2014 – Phase I Environmental Site Assessment (EBC)

EBC concluded that "Based upon reconnaissance of the Site and surrounding properties, interviews and review of historical records and regulatory agency databases, this assessment has revealed the following recognized environmental conditions in connection with the Site:"

- Various historical records/documents indicate that the Site as well as the surrounding properties, were historically operated as petroleum manufacturing and storage facility, paint and varnish manufacturing facility, manufactured gas plants, manufactured gas storage facilities and various other manufacturing operations. As such, there is a potential for historic site operations and/or operations at adjacent sites to have impacted soil, groundwater and/or soil vapor quality beneath the Site. Further, residual soil and groundwater impacts associated with the closed NYSDEC spill incidents remain onsite and impacts related to petroleum and MGP have been confirmed at adjacent properties.

As the Site has been extensively investigated, with some soil removal and long-term groundwater monitoring activities related to the closed New York State Department of Environmental Conservation (NYSDEC) spill incidents, EBC does not believe additional investigation of the Site is warranted at this time.

However, since residual on-Site soil and groundwater impacts are known to exist and the potential for additional contamination associated with the historic use of the surrounding properties (oil terminal and MGPs), EBC recommends a Soil/Materials Management Plan (SMMP) be prepared to address soil excavated as part of Site redevelopment. The SMMP should include procedures for (a) characterization of fill/soil to be excavated for the proposed redevelopment in accordance with the proposed soil/fill disposal facility, (b) soil screening, (c) community air monitoring, (d) soil/fill excavation, loading and disposal, (e) soil reuse and/or soil import, (f) odor control, and (g) underground storage tank contingency plan.

In addition to the RECs, EBC identified several environmental concerns. The environmental concerns and EBC's recommendations are summarized as follows:

- EBC recommends the four identified aboveground storage tanks (ASTs) and the various drums and other containers of waste oil and automotive fluids be removed and properly disposed in accordance with applicable regulations. In the event that soil impacts (e.g., visible staining) are noted during the removals, then soil sampling should be conducted to

determine the nature and extent of the impacts and determine if additional investigation and/or remediation is warranted.

- Although abatement of confirmed asbestos-containing roofing and other materials was recently completed, no documentation regarding the asbestos survey and/or the reported abatement project was provided for review. Suspect asbestos-containing vinyl floor tiles, acoustic ceiling tiles and pipe and boiler insulation were observed in some of the inspected portions of Site buildings. The suspect asbestos-containing materials (ACM) was in fair to poor condition at the time of the site inspection. In addition, due to the ages of the buildings, it is possible that roofing, roof flashing and other (inaccessible) building materials may contain asbestos.

If activities in the building (i.e., renovation or demolition) will disturb any suspect asbestos material, then EBC recommends that an asbestos survey be performed to determine if ACM are present prior to the proposed work. If ACM are present, then a New York City-licensed contractor must be retained to remove the asbestos in accordance with federal, New York State (NYS) and New York City (NYC) regulations.

- Interior and exterior paints were in fair to poor condition with evidence of widespread chipping and/or peeling. The lead contents of the paints are unknown, but due to the age of the buildings, the presence of lead-based paint (LBP) is possible. Therefore, EBC recommends that a lead paint survey be conducted prior to any renovation/demolition activities. The disposal of lead paint waste resulting from renovation or demolition activities may be subject to federal and NYS regulations.

1.5.2 Spill File 9906462 Documents

EBC was provided a copy of previous Phase II ESAs, spill investigation reports and other documents prepared for the property. These reports are summarized as follows:

- Limited Phase II Environmental Site Assessment, prepared by Malcolm Pirnie, Inc., and dated August 6, 1999;
- Additional Limited Phase II Environmental Site Assessment, prepared by Malcolm Pirnie, Inc., and dated November 12, 1999;
- Limited Phase II Environmental Site Assessment, prepared by Hart & Hickman, PC, and dated November 12, 2007;
- Limited Phase II Environmental Site Assessment Addendum Letter, prepared by Hart & Hickman, PC, and dated December 11, 2007;
- Spill No. 99-06462 Review Letter, prepared by the NYSDEC, and dated April 25, 2008;
- Revised Supplemental Investigation Work Plan, prepared by Ecosystems Strategies, Inc., and dated March 2009 (Revised April 2009);
- Supplemental Investigation Work Plan Approval Letter, prepared by the NYSDEC, and dated April 7, 2009;
- Investigation Summary Report, prepared by Ecosystems Strategies, Inc., and dated June 16, 2009;
- Remedial Action Work Plan, prepared by Ecosystems Strategies, Inc., and dated July 2009;

- Tank Closure Site Assessment and Site Remediation Report, prepared by Ecosystems Strategies, Inc., and dated October 2009
- Report of Additional Phase II Assessment Activities, prepared by Hart & Hickman, PC, and dated February 11, 2009;
- Response Letter to NYSDEC Comments to the Tank Closure Site Assessment and Site Remediation Report, prepared by Ecosystems Strategies, Inc., and dated December 21, 2009;
- Quarterly Groundwater Sampling Report, prepared by Ecosystems Strategies, Inc., and dated March 4, 2010;
- Quarterly Groundwater Sampling Report, prepared by Ecosystems Strategies, Inc., and dated June 18, 2010;
- Supplementary Remediation Report, prepared by Ecosystems Strategies, Inc., and dated October 2010 and Revised November 2010;
- Supplemental Remediation Report Review Letter, prepared by the NYSDEC, and dated December 7, 2010;
- Supplementary Groundwater Investigation Report, prepared by Ecosystems Strategies, Inc., and dated February 2011;
- Supplemental Groundwater Investigation Review Letter, prepared by the NYSDEC, and dated March 17, 2011;
- Quarterly Groundwater Sampling Report, prepared by Ecosystems Strategies, Inc., and dated July 20, 2011;
- Quarterly Groundwater Sampling Report, prepared by Ecosystems Strategies, Inc., and dated February 20, 2012;
- Spill Closure Documentation, NYSDEC, dated April 2, 2012; and
- NYSDEC Letter Related to De-watering Permit, prepared by NYSDEC, and dated August 29, 2014.

These reports document the various site investigation, sampling, remediation and monitoring activities conducted as required by the NYSDEC to satisfactorily close the four listed LTANKS and NYSPILLS incidents identified for the site, however, significant residual soil and groundwater impacts remain onsite.

2.0 REMEDIAL INVESTIGATION

2.1 Field Investigation

The field work portion of the RI was conducted by EBC from November 21 through December 30, 2014. The field investigation consisted of the environmental sampling, field observations and measurements to determine:

- Local geologic/hydrogeologic conditions
- Definition of source areas
- Potential migration of contaminants from the site to surrounding areas
- Overall characterization of site-related contamination in all media

The field effort included the collection and analysis of soil, groundwater and soil vapor samples. Laboratory services for soil sample analysis were provided by York Environmental Laboratories of Stratford CT (NY Cert No. 10854). Groundwater and soil vapor analysis were provided by Phoenix Environmental Laboratories of Manchester, CT (NY Cert No. 11301).

A sample matrix showing the number, type and analysis of samples collected during the Remedial Investigation is provided as **Table 1**.

2.2 Soil Sampling

2.2.1 Test Pits

EBC advanced nine test pits at the Site on November 21, 24 and 25, 2014 to characterize soil conditions, assess residual petroleum contamination, and collect samples for laboratory analysis. The test pits were advanced using a track excavator to the planned excavation depth of 12 to 18 feet at each location. Soil excavated at each test pit were segregated into 5 to 6 piles with each representing a 3-foot interval, (i.e. 0-3 ft, 3-6 ft, 6-9 ft, etc.). One composite and one grab sample were then collected from each pile and placed in laboratory provided glassware. A qualified environmental profession (QEP) was on-site to supervise the test pit installation and to collect the samples.

Following sample collection the test pits were backfilled by returning the soil piles to the pits in the reverse sequence from that in which they were excavated.

Soil samples retained from the test pits were submitted to York Analytical laboratories for analysis. Test pit locations are identified in **Figure 3**. Test pit sampling logs are provided in **Appendix A**.

2.3 Monitoring Well Installation

Ten groundwater monitoring wells, MW1 through MW10, were installed at the Site on December 17 and 21, 2014. The wells were installed with a track mounted probe drilling machine to a depth of 20 feet below grade with 15 feet of 0.010 PVC well screen and 5 feet of PVC riser. Monitoring well locations are identified in **Figure 4**. Well completion reports, detailing monitoring well construction, are provided in **Appendix B**.

A No.00 morie filter sand was placed in the borehole to within 2 feet above the top of the screen. A 1-foot hydrated bentonite seal was then placed on top of the filter sand and the remainder of the borehole was backfilled to grade. Following installation, each of the wells were surveyed to determine relative casing elevation to the nearest 0.01 ft and horizontal position to the nearest 0.1 ft (**Table 2**).

Prior to sampling, a synoptic round of depth-to-groundwater (DTW) measurements were obtained from the wells on December 30, 2014 to determine the water table elevation and to calculate the volume of standing water in the well. The depth to groundwater ranged from approximately 5.10 to 11.46 feet below surface grade. A groundwater elevation map is provided in **Figure 5**.

2.3.1 Groundwater Sampling

Groundwater samples were collected from all ten monitoring wells on December 22, 2014, using low-flow sampling techniques and were monitored continuously until parameters stabilized. A peristaltic pump and polyethylene sampling tube were used to purge and collect samples from each well location. Sample tubing and the silicone pump tubing were replaced between each sample location. Samples were collected directly into pre-cleaned laboratory supplied glassware, stored in a cooler with ice and submitted to Phoenix Environmental Laboratories of Manchester, CT, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). Groundwater sampling logs are provided in **Appendix C**.

All groundwater samples from the monitoring wells were analyzed for VOCs / SVOCs by EPA method 8260 / 8270, target analyte list (TAL) metals and pesticides/PCBs by Method 8081/8082.

2.4 Soil Vapor Sampling

Fourteen soil gas samples (SG1 through SG14) were collected across the Site on December 19 and 21, 2014. Soil gas sampling locations are shown on **Figure 4**. All soil gas samples were collected over a 2-hr sampling period.

Soil vapor and the outdoor ambient air samples were collected in accordance with the procedures as described in the *Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH 10/06)*.

2.4.1 Installation of Soil Gas Implants

Five soil vapor implants were installed on December 17 and 21, 2014, using Geoprobe™ equipment. All of the implants were installed utilizing the same technique to minimize possible discrepancies. The vapor implants (Geoprobe™ Model AT86 series), were constructed of a 6-inch length of double woven stainless steel wire. The vapor implants at all locations were installed to a depth of 12 feet below grade and attached to ¼ inch polyethylene tubing which extended approximately 24 inches beyond that needed to reach the surface. The tubing was capped with a ¼ inch plastic end to prevent the infiltration of foreign particles into the tube. Coarse sand was placed around the vapor implant to a height of approximately 1 foot above the bottom of the implant. The remainder of the borehole was sealed with a bentonite slurry to the surface. The tubing and borehole were then sealed at the surface with hydrated granular bentonite and a 12" x 12" (approx.) plastic sheet.

2.4.2 Surface Seal Test Procedure

In accordance with NYSDOH guidance, a tracer gas (helium) was used as a quality assurance/quality control device to verify the integrity of the sampling point seal prior to collecting the samples. This was accomplished by enriching the air space above the seal with a tracer gas (helium) while continuously monitoring air drawn from the implant with a helium detector (Ionscience Gas Check G).

The tracer gas test procedure was employed at all 6 soil gas sampling locations. All seals tested tight with no infiltration of helium through the surface.

2.4.3 Soil Gas Sample Collection

Following verification that the surface seal was tight, one to three volumes (i.e., the volume of the sample probe and tube) were purged with a handheld vacuum pump prior to collecting the samples to ensure samples collected were representative. After purging, a 6-liter summa canister, fitted with a 2-hour flow regulator was attached to the surface tube of each of the sampling points and the valve opened to initiate sampling. Sample identification, date, start time, start vacuum, end time and end vacuum were recorded on tags attached to each canister and on a sample log sheet (**Appendix D**). When the remaining vacuum in the canisters was between 5 and 8 inches Hg, (approximately 2 hrs) the valve was closed and the canisters were detached from the sampling tube.

Sample canisters were returned to the EBC office and picked up the following day by a Phoenix laboratory courier and delivered to the laboratory for analysis of VOCs by USEPA Method TO-15.

2.5 Laboratory Analysis

Data tables summarizing the laboratory results are provided in **Tables 3** through **16** and copies of the laboratory reports (with chains-of-custody) are included in digital format in **Appendix E**. Soil sample results were compared to both Unrestricted Use and Restricted Residential Soil Cleanup Objectives (SCOs) as promulgated in 6 NYCRR Subpart 375-6. Groundwater results were compared to NYSDEC Division of Water, Technical & Operational Guidance Series 1.1.1, Ambient Water Quality Standards and Guidance Values (AWQS), June 1998. Soil gas analytical results were compared to Outdoor Background Levels for Selected Compounds and sub-slab and indoor air guidance levels as presented in the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, 2002). **Table 17** contains a list of parameters detected above Track 1 unrestricted soil cleanup objectives and the range in detections. **Table 18** contains a list of parameters detected above ambient groundwater standards and the range in detections.

2.5.1 Analytical Results – Soil Samples

A total of 46 soil samples were collected from 9 test pits for laboratory analysis of VOCs (EPA Method 8260), SVOCs (EPA Method 8270), TAL metals, TCLP metals, Pesticides/PCBs (EPA Method 8081/8082), Herbicides (EPA Method 5151, corrosivity, reactivity, ignitability and flashpoint.

Soil sampling results are summarized in **Tables 3** through **11**. All soil results above Unrestricted Use SCOs are presented in **Table 17** and posted on **Figures 6a (shallow soil)** and **6b (deep soil)**.

Soil samples collected from the test pits had elevated levels of VOCs, SVOCs and heavy metals that exceeded either unrestricted, restricted residential or restricted commercial use SCOs as follows:

VOCs

1,2,4-Trimethylbenzene - Reported above SCOs in 4 of 46 Samples at concentrations ranging from 4,900 ug/kg to 170,000 ug/kg.

1,3,5- Trimethylbenzene - Reported above SCOs in 3 of 46 Samples at concentrations ranging from 9,500 ug/kg to 45,000 ug/kg.

1,2-Dichloroethane - Reported above SCOs in 2 of 46 Samples at concentrations ranging from 47.3 ug/kg to 48.3 ug/kg.

2-Butanone - Reported above SCOs in 1 of 46 Samples at a concentration of 160 ug/kg.

Acetone - Reported above SCOs in 11 of 46 Samples at concentrations ranging from 59 ug/kg to 6,700 ug/kg.

Ethylbenzene - Reported above SCOs in 2 of 46 Samples at concentrations ranging from 2,100 ug/kg to 3,300 ug/kg.

n-Butylbenzene - Reported above SCOs in 3 of 46 Samples at concentrations ranging from 15,000 ug/kg to 22,000 ug/kg.

n-Propylbenzene - Reported above SCOs in 6 of 46 Samples at concentrations ranging from 4,200 ug/kg to 25,000 ug/kg.

sec-Butylbenzene - Reported above SCOs in 2 of 46 Samples at concentrations ranging from 13,000 ug/kg to 16,000 ug/kg.

Toluene - Reported above SCOs in 2 of 46 Samples at concentrations ranging from 300 ug/kg to 320 ug/kg.

Total xylenes - Reported above SCOs in 4 of 46 Samples at concentrations ranging from 15,000 ug/kg to 29,000 ug/kg.

SVOCs

Benzo(a)anthracene - Reported above SCOs in 14 of 46 Samples at concentrations ranging from 1,000 ug/kg to 29,200 ug/kg.

Benzo(a)pyrene - Reported above SCOs in 9 of 46 Samples at concentrations ranging from 1,060 ug/kg to 13,600 ug/kg.

Benzo(b)fluoreanthene - Reported above SCOs in 9 of 46 Samples at concentrations ranging from 1,220 ug/kg to 12,100 ug/kg.

Benzo(k)fluoreanthene - Reported above SCOs in 9 of 46 Samples at concentrations ranging from 952 ug/kg to 13,100 ug/kg.

Chrysene - Reported above SCOs in 13 of 46 Samples at concentrations ranging from 1,080 ug/kg to 20,700 ug/kg.

Dibenzo(a,h)anthracene - Reported above SCOs in 1 Sample at a concentration of 552 ug/kg.

Indeno(1,2,3-cd)pyrene - Reported above SCOs in 8 of 46 Samples at concentrations ranging from 557 ug/kg to 13,900 ug/kg.

Napthalene - Reported above SCOs in 1 Sample at a concentration of 13,900 ug/kg.

Metals

Arsenic - Reported above SCOs in 18 of 46 Samples at concentrations ranging from 13 mg/kg to 1,800 mg/kg.

Barium - Reported above SCOs in 3 of 46 Samples at concentrations ranging from 360 mg/kg to 1,320 mg/kg.

Cadmium - Reported above SCOs in 2 of 46 Samples at concentrations ranging from 2.6 mg/kg to 4.63 mg/kg.

Copper - Reported above SCOs in 17 of 46 Samples at concentrations ranging from 53 mg/kg to 580 mg/kg.

Lead - Reported above SCOs in 21 of 46 Samples at concentrations ranging from 70.8 mg/kg to 9,350 mg/kg. In addition, the TPA2 0-3 ft sample had a TCLP lead concentration of 6.9 ug/L classifying this soil as hazardous.

Magnesium - Reported above SCOs in 1 of 46 Samples at a concentration of 590 mg/kg.

Mercury - Reported above SCOs in 12 of 46 Samples at concentrations ranging from 0.219 mg/kg to 12.9 mg/kg.

Selenium - Reported above SCOs in 21 of 46 Samples at concentrations ranging from 3.9 mg/kg to 48 mg/kg.

Zinc - Reported above SCOs in 18 of 46 Samples at concentrations ranging from 131 mg/kg to 1,870 mg/kg.

There were no pesticides or PCBs reported above unrestricted SCOs.

2.5.2 Analytical Results – Groundwater Samples

The results of groundwater samples collected during the RI are summarized in **Tables 12** through **15**. Detections in excess of the AWQSGVs were reported in four out of the ten monitoring wells sampled, for the following parameters:

MW1: Benzene (3,300 ug/L), Ethylbenzene (10 ug/L), Isopropylbenzene (10 ug/L), Napthalene (58 ug/L), sec-Butylbenzene (5.2 ug/L)

MW2: Trimethylbenzene (7.8 ug/L), Ethylbenzene (10 ug/L), 2-Isopropyltoluene (34 ug/L), Isopropylbenzene (11 ug/L), n-Propylbenzene (9.7 ug/L)

MW5: 1,1,2-Trichloroethane (9.5 ug/L), 2-Isopropyltoluene (9.2 ug/L), Acetone (27 ug/L), Benzene (350 ug/L), Isopropylbenzene (33 ug/L), Napthalene (600 ug/L), n-Butylbenzene (27 ug/L), n-Propylbenzene (51 ug/L), sec-Butylbenzene (22 ug/L)

MW8: Benzene (9.9 ug/L)

With the exception of naphthalene (20 ug/L) and phenol (30 ug/L) in MW1, SVOC detections above groundwater standards were limited to those polynuclear aromatic hydrocarbons (PAHs) with a 2 per trillion standard. Exceedances of the part per trillion standards for PAHs were reported in wells MW2, MW3, MW4, MW6 and MW10.

Pesticides reported above water quality standards included Deildrin (0.65 ug/L) in MW2, 4,4-DDT (0.056) in MW6 and 4,4-DDD (0.02 ug/L) and 4,4-DDE (0.026 ug/L) in MW8. PCBs were not reported above standards in any of the wells.

Metals including sodium (10 of 10) and manganese (8 of 10) were reported above standards in the majority of the wells. Iron was also frequently reported above standards (6 of 10) as was magnesium (5 of 10). Aluminum was reported above standards in 2 wells (MW 5 and MW10). Arsenic was reported above standards at one location (MW8).

Groundwater parameters reported above groundwater standards are presented in **Table 18** and posted on **Figure 7**.

2.5.3 Analytical Results – Soil Vapor Samples

Since the NYSDOH has not established guidance values for VOCs in soil vapor, analytical results were compared to the Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values, 2003) and to sub-slab guidance levels for select parameters as presented in the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006.

Total petroleum related volatile organic compounds (BTEX) were generally low around the perimeter of the Site ranging from 0 µg/m³ in SG11 located near the northwest property line to 346 µg/m³ in SG12 located along the north property line approximately 80 ft east of SG11. Elevated levels of light end petroleum compounds including heptane, hexane and cyclo hexane were reported in several locations including SG3, SG9 and SG11. Heptane at these locations ranged from 378

$\mu\text{g}/\text{m}^3$ in SG9 to $3,150 \mu\text{g}/\text{m}^3$ in SG3. Hexane ranged from $986 \mu\text{g}/\text{m}^3$ in SG9 to $5,600 \mu\text{g}/\text{m}^3$ in SG11. Cyclohexane ranged from $332 \mu\text{g}/\text{m}^3$ in SG3 to $36,500 \mu\text{g}/\text{m}^3$ in SG11.

Chlorinated VOCs (CVOCs) were reported in all soil gas samples with the exception of SG11 and ranged in concentrations from $0.75 \mu\text{g}/\text{m}^3$ in SG6 located near the west central property line to $388 \mu\text{g}/\text{m}^3$ in SG5 located in the southeast corner of the property.

PCE, TCE and TCA were detected in soil vapor at concentrations that require future monitoring when compared to NYSDOH decision guidance Matrix 1 provided in the NYSDOH Final Guidance on Soil Vapor Intrusion. Indoor air samples were not collected to confirm if mitigation is necessary per the NYSDOH decision guidance matrix because the buildings were partially or completely demolished at the time of sampling and future soil excavation will occur prior to development. Based on the soil vapor data, onsite soil vapor has been contaminated with CVOCs that have migrated onto the site from offsite sources since elevated CVOCs were not reported in on-site soil or groundwater samples.

Soil vapor results are summarized on **Table 16** and posted on **Figure 8**.

2.5.4 Data Usability Summary Report

Data validation services have been requested from Environmental Data Validations Inc. of Pittsburgh, Pennsylvania, and will be submitted to the NYSDEC upon receipt.

3.0 HYDROGEOLOGIC ASSESSMENT AND PHYSICAL SETTING

3.1 Site Topography

According to the USGS topographic map for the area (Brooklyn Quadrangle), the elevation of the property ranges from 11 feet (above the National Geodetic Vertical Datum) along Kent Avenue to 18 feet at the southeast corner of the property at the intersection with Wythe Avenue and N. 12th Street. The area topography gradually slopes to the west toward the shoreline.

3.2 Surrounding Land Use

The land use in the immediate vicinity of the Site includes fuel oil terminal, tank truck repair facility and public park to the west, a metal stamping factory to the north, a construction site to the east and industrial / commercial buildings to the south. The new construction to the east includes a 22-story hotel building, a 2-story banquet hall / restaurant building and a 2-story commercial building with retail, office and community space.

The area surrounding the property is highly urbanized and predominantly consists of older heavy industry properties along the waterfront east to Kent and Wythe Avenues. Many of these properties are being renovated and repurposed, such as the City park to the west or redeveloped with new commercial buildings such as hotels, office and retail space. The areas east of Wythe Avenue have been undergoing a transformation as former industrial properties are being redeveloped for residential use.

3.3 Regional Geology / Hydrogeology

The geologic setting of Long Island is well documented and consists of crystalline bedrock overlain by layers of unconsolidated deposits. According to geologic maps of the area created by the United States Geologic Survey (USGS), the bedrock in this area of Brooklyn is an igneous intrusive classified as the Ravenswood grano-diorite of middle Ordovician to middle Cambrian age. Unconsolidated sediments overlie the bedrock and consist of Pleistocene aged sand, gravel and silty clays, deposited by glacial-fluvial activity. Non-native fill materials consisting of dredge spoils, rubble and / or other materials have historically been used to reinforce and extend shoreline areas and to raise and improve the drainage of low lying areas.

The Site is located adjacent to, or slightly within, a moderate risk flood zone to the west and to the north, and adjacent to a high risk flood zone (subject to 1%, 100-year annual flood) in the east, northwest and northeast areas of the property.

3.4 Site Geology / Hydrogeology

Subsurface soils at the site include a silty non-native fill with bricks, coal ash and other rubble to a depth of approximately 12 feet below grade. A peat layer is present at some locations beneath the fill followed by fine brown silty-sands and clays to a depth of approximately 15 feet below grade. The fill material contains elevated levels of SVOCs and metals. Groundwater at the Site is present at a

depth of approximately 5 to 12 feet below surface grade within the fill materials and silty-sand, and flows in an east to southeasterly direction.

4.0 NATURE AND EXTENT OF CONTAMINATION

4.1 Identification of Source Areas

The historic use of the Site as a petroleum works, equipment storage / maintenance yard facility has resulted in discharges of gasoline and diesel fuel / fuel oil contaminating most of the site with high elevated levels of VOC and SVOCs. Petroleum impacted soil has been documented throughout the Site to depths of up to 15 feet in test pits A3, B1, B2, C3 and D2. Releases have likely occurred from multiple sources including subsurface releases from underground storage tanks (USTs) and piping, and from surface spills related to fueling operations, equipment maintenance, fuel transfer and damaged and leaking heavy equipment. In this way the source areas compromise multiple areas of the site including the southwest corner, the north-central area, the south central area and the northeast corner of the Site.

Historic fill material has been identified across the Site to depths as great as 12 feet below grade. The historic fill material contains metals including arsenic, barium, copper, mercury, selenium, zinc and lead above unrestricted and / or restricted use SCOs including high levels of arsenic, lead, copper and mercury. Lead hazardous soil, has been documented within the A2 test pit in the west central portion of the property. The vertical extent of the lead hazardous soil is limited to 3 feet below grade.

4.2 Groundwater Impacts

Groundwater is impacted with petroleum VOCs in the western third of the site with the greatest impact occurring in MW 1 located in the south west corner of the site. Total VOCs in this area of the site ranged from 82 ug/L in MW2 to 3,472 ug/L in MW1. SVOCs in groundwater were generally limited to naphthalene which was present at a concentration of 20 ug/L in MW1. There were other reported exceedances for SVOCs in groundwater however these were in the parts per trillion range and more a function of the precision of the laboratory than actual contamination. SVOC detections in the part per trillion range are commonly encountered throughout the area and are representative of background conditions.

Only minor detections of chlorinated compounds were reported in groundwater and, with the exception of 1,1,2-trichloroethane in MW5, all were below groundwater standards.

4.3 Soil-Gas Impacts

Total petroleum related volatile organic compounds (BTEX) were generally low around the perimeter of the Site ranging from 0 $\mu\text{g}/\text{m}^3$ in SG11 located near the northwest property line to 346 $\mu\text{g}/\text{m}^3$ in SG12 located along the north property line approximately 80 ft east of SG11. Elevated levels of light end petroleum compounds including heptane, hexane and cyclohexane were reported in several locations including SG3, SG9 and SG11. Heptane at these locations ranged from 378 $\mu\text{g}/\text{m}^3$ in SG9 to 3,150 $\mu\text{g}/\text{m}^3$ in SG3. Hexane ranged from 986 $\mu\text{g}/\text{m}^3$ in SG9 to 5,600 $\mu\text{g}/\text{m}^3$ in SG11. Cyclohexane ranged from 332 $\mu\text{g}/\text{m}^3$ in SG3 to 36,500 $\mu\text{g}/\text{m}^3$ in SG11.

Chlorinated VOCs (CVOCs) were reported in all soil gas samples with the exception of SG11 and ranged in concentrations from $0.75 \mu\text{g}/\text{m}^3$ in SG6 located near the west central property line to $388 \mu\text{g}/\text{m}^3$ in SG5 located in the southeast corner of the property.

4.4 Site Conceptual Model

Contaminants of concern at the Site include petroleum VOCs and SVOCs in soil and groundwater and CVOC contamination in soil gas.

The sources of contamination at the Site are widespread as a result of its historic use as a petroleum works, and equipment storage and maintenance yard. Source areas include several underground storage tank (UST) areas including the south central area, east central area and west central area. In addition to these areas surface spills likely occurred throughout the yard area and maintenance buildings. Leaks at the USTs would directly enter the subsurface and encounter the shallow groundwater. Surface spills would enter the subsurface through cracks and gaps in the concrete and overtime migrate down impacting soil and groundwater.

Groundwater impacts are generally low outside of the southwest corner of the property, however, and no significant off-gassing is occurring on site from the source area(s). This is evident by the general lack of petroleum vapors across the Site and the low concentrations of BTEX and other key parameters such as trimethylbenzene, which were reported in soil.

5.0 QUALITATIVE EXPOSURE ASSESSMENT

The objective of the qualitative exposure assessment under the BCP is to identify potential receptors to the contaminants of concern (COC) that are present at, or migrating from, the site. The identification of exposure pathways describes the route that the COC takes to travel from the source to the receptor. An identified pathway indicates that the potential for exposure exists; it does not imply that exposures actually occur. An exposure pathway has five elements; a contaminant source, release and transport mechanisms, point of exposure, route of exposure and a receptor population.

The potential exposure pathways identified below, represent both current and future exposure scenarios.

5.1 Contaminant Source

The source of petroleum VOCs and SVOCs reported in soil at the site is wide spread and related to releases in multiple areas from USTs, ASTs and surface spills. Source areas compromise multiple areas of the site including the southwest corner, the north-central area, the south central area and the northeast corner of the Site.

Elevated levels of metals are also present in fill materials throughout the Site. CVOCs reported in soil gas appear to be related to an off-site source.

5.2 Contaminant Release and Transport Mechanism

Petroleum contamination is present in subsurface soil throughout the Site as well as at the groundwater interface. There appears to be very little transfer of VOC contaminants in soil to the groundwater despite the fact that impacted soil is in contact with the groundwater.

Groundwater impacts are relatively low and limited to the southwest corner of the property. Wells downgradient of this location show little contamination indicating that there is limited migration of impacted water across the Site and off of the Site.

There does not appear to be any migration of petroleum or chlorinated VOCs in soil vapor either on the property or migrating from the property. Chlorinated VOCs in soil vapor do appear to be migrating on to the property however.

5.3 Point of Exposure, Route of Exposure and Potentially Exposed Populations

Potential On-Site Exposures: Remediation workers and construction workers engaged in the excavation of impacted and non-impacted soil at the site may be exposed to petroleum VOCs, SVOCs, CVOCs and heavy metals through several routes. Workers excavating impacted soil may be exposed to VOCs, SVOCs, and heavy metals through inhalation, ingestion and dermal contact. Workers excavating non-impacted soil may be exposed to CVOCs in soil gas through inhalation. A site specific Health and Safety Plan has been developed to identify and minimize the potential hazards to on-site workers.

Under a future scenario, residents within the proposed buildings may be exposed to vapor intrusion if remediation of the source area is not completed, and if preventive measures are not incorporated into the new building design to protect against contaminated soil vapor intrusion. This potential route of exposure will be reduced in response to the degree and success of source area remediation and the nature and construction of the new building's foundation.

Potential Off-Site Exposures: The entire area is serviced by the New York City Water System which distributes water from the Croton Reservoir system. Since there are no public or private potable supply wells in the area, exposure from contact with tap water is not a concern. Off-site exposure is therefore limited to vapor intrusion from CVOCs originating off-site. The potentially exposed population in this case would include commercial workers in adjacent buildings.

Potential Off-Site Environmental Impacts: Since VOCs in groundwater may be migrating beneath the Site at low concentrations in an east to southeasterly direction, the groundwater to surface water discharge pathway was evaluated. Bushwick inlet is located approximately 380 feet northwest. Based upon the concentrations of contaminants currently in groundwater beneath the Site and the historically documented flow direction to the east and southeast, there are no expected impacts to surface water environments from contaminants migrating from the Site.

6.0 CONCLUSIONS AND RECOMENDATIONS

Subsurface soils at the site include a silty non-native fill with bricks, coal ash and other rubble to a depth of approximately 10 feet below grade. A peat layer is present at some locations beneath the fill followed by fine brown silty-sands and clays to a depth of approximately 15 feet below grade. The fill material contains elevated levels of SVOCs and metals.

Groundwater at the Site is present at a depth of approximately 5 to 12 feet below surface grade within the fill materials and silty-sand and flows in an east to southeasterly direction.

The results of sampling performed during this RI, identified petroleum VOC and SVOC contamination throughout the property to depths of up to 15 feet below grade. The historic use of the Site as a petroleum works, equipment storage / maintenance yard facility has resulted in discharges of gasoline and diesel fuel / fuel oil contaminating most of the site with elevated levels of VOC and SVOCs. Releases have likely occurred from multiple sources including subsurface releases from underground storage tanks (USTs) and piping, and from surface spills related to fueling operations, equipment maintenance, fuel transfer and damaged and leaking heavy equipment. In this way the source areas compromise multiple areas of the site including the southwest corner, the north-central area, the south central area and the northeast corner of the Site.

Historic fill material has been identified across the Site to depths as great as 12 feet below grade. The historic fill material contains metals including arsenic, barium, copper, mercury, selenium, zinc and lead above unrestricted and / or restricted use SCOs including high levels of arsenic, lead, copper and mercury. Lead hazardous soil, has been documented within the A2 test pit in the west central portion of the property. The vertical extent of the lead hazardous soil is limited to 3 feet below grade.

Groundwater is impacted with petroleum VOCs in the western third of the site with the greatest impact occurring in MW 1 located in the south west corner of the site. Total VOCs in this area of the site ranged from 82 ug/L in MW2 to 3,472 ug/L in MW1. SVOCs in groundwater were generally limited to naphthalene which was present at a concentration of 20 ug/L in MW1. There were other reported exceedances for SVOCs in groundwater however these were in the parts per trillion range and more a function of the precision of the laboratory than actual contamination.

Soil gas sampling identified generally low levels of petroleum related volatile organic compounds (BTEX) though elevated levels of light end petroleum compounds including heptane, hexane and cyclo hexane were reported in several locations. Chlorinated VOCs (CVOCs) were reported in almost all of the soil gas samples and in some cases were present at levels above that which monitoring and possibly mitigation would be required to prevent vapor intrusion. There is no evidence that the CVOCs are Site related and are unlikely to be related to off-gassing from impacted groundwater. They appear to be migrating onto the property in vapor form from an off-site source.

The qualitative exposure assessment identified potential completed routes of exposure to construction workers and remediation workers through inhalation, ingestion and dermal contact of petroleum compounds and heavy metals during excavation activities. The Health and Safety Plan prepared for the site identifies such exposures and provides instructions for on-site workers to minimize potential exposure. Occupants in the proposed on-site commercial buildings may be

exposed to CVOCs through the vapor intrusion pathway, if preventative measures are not incorporated into the design of the new building.

The exposure assessment also identified potential exposure to commercial workers in adjacent buildings through vapors which appear to present in the area and migrating onto the Site.

Potential environmental impacts through the groundwater to surface water discharge are unlikely based upon the concentrations of VOCs in groundwater and the groundwater flow direction which is away from Bushwick inlet.

Recommendations include excavation and disposal of petroleum contaminated soil within the source area along with proper handling and disposal of all soils excavated for structural elements of the new building. This work would be performed under an approved Remedial Action Work Plan which includes a Soil Management Plan, a Construction Health and Safety Plan and a Community Air Monitoring Plan.

Potential soil vapor impact should be re-evaluated following the completion of remedial activities to determine if conditions improve to the point where active mitigation is unnecessary. Further evaluation of vapor intrusion can also be performed following implementation of the RAWP to determine if the design elements of a subslab depressurization system should then be incorporated into the Remedial Action Work Plan for the Site as a contingency, should the potential for vapor intrusion remain following the removal of the impacted soils.

7.0 REFERENCES

6 NYCRR Part 375 Environmental Remediation Programs Subparts 375-1, 375-3 and 375-6

Environmental Business Consultants, *Phase I Environmental Site Assessment, 25 Kent Avenue, Brooklyn, NY. November 2014.*

Environmental Business Consultants, *NYS Brownfields Cleanup Program, Program Application and Supplemental Information Package, Former Sunbelt Equipment Site, 25 Kent Avenue, Brooklyn, NY. December 2014.*

Ecosystems Strategies, Inc., *Revised Supplemental Investigation Work Plan, March 2009 (Revised April 2009)*

Ecosystems Strategies, Inc., *Investigation Summary Report, June 16, 2009*

Ecosystems Strategies, Inc., *Remedial Action Work Plan, July 2009*

Ecosystems Strategies, Inc., *Tank Closure Site Assessment and Site Remediation Report, October 2009*

Ecosystems Strategies, Inc., *Quarterly Groundwater Sampling Report, March 4, 2010*

Ecosystems Strategies, Inc., *Quarterly Groundwater Sampling Report, June 18, 2010*

Ecosystems Strategies, Inc., *Supplementary Remediation Report, October 2010 and Revised November 2010;*

Ecosystems Strategies, Inc., *Supplementary Groundwater Investigation Report, February 2011*

Ecosystems Strategies, Inc., *Quarterly Groundwater Sampling Report, July 20, 2011*

Ecosystems Strategies, Inc., *Quarterly Groundwater Sampling Report, February 20, 2012*

Hart & Hickman, PC, *Limited Phase II Environmental Site Assessment, November 12, 2007*

Hart & Hickman, PC, *Limited Phase II Environmental Site Assessment Addendum Letter, December 11, 2007*

Hart & Hickman, PC, *Report of Additional Phase II Assessment Activities, February 11, 2009*

Malcolm Pirnie, Inc., *Limited Phase II Environmental Site Assessment, August 6, 1999*

Malcolm Pirnie, Inc., *Additional Limited Phase II Environmental Site Assessment, November 12, 1999*

NYSDEC, Division of Environmental Remediation, May 2004, *Draft Brownfield Program Cleanup Guide*.

NYSDEC, Division of Environmental Remediation, December 2002, *DER-10, Technical Guidance for Site Investigation and Remediation*.

NYSDEC, Division of Water, June 1998, Addendum April 2000, *Technical and Administrative Guidance Series 1:1:1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations*.

NYSDOH, Center for Environmental Health, October 2006, *Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York*.

TABLES

TABLE 1
SUMMARY OF
SAMPLING PROGRAM RATIONALE AND ANALYSIS

Matrix	Location	Number of Samples	Rationale for Sampling	Laboratory Analysis
Subsurface soil (0 to 18 feet bgs)	9 test pits throughout the site. Samples collected at 3 ft intervals	46	To evaluate the extent of soil impact and obtain information on soil quality at the Site.	VOCs EPA Method 8260B, SVOCs EPA Method 8270, pesticide / PCBs EPA Method 8081/8082, Herbicides, TPH,, TAL metals, hexavalent chromium, TCLP metals, RCRA characteristics.
Total (Soils)		46		
Groundwater (water table)	From 10 monitoring wells across the Site.	10	To assess groundwater quality at the Site.	VOCs EPA Method 8260B plus TICs, SVOCs EPA Method 8270 plus TICs, pesticide / PCBs EPA Method 8081/8082, TAL metals dissolved and total.
Total (Groundwater)		10		
Soil Gas (5 ft below existing grade)	14 soil gas implants installed across the Site.	14	Evaluate soil gas across the Site.	VOCs EPA Method TO15
Total (Soil Gas)		8		
MS/MSD	Matrix spike and Matrix spike duplicates at the rate 5%	3	To meet requirements of QA / QC program	1 MS/MSD for VOCs EPA Method 8260B and 1 MS/MSD for SVOCs EPA Method 8270 BN, pesticide / PCBs EPA Method 8081/8082, TAL metals.
Trip Blanks	One laboratory prepared trip blank to accompany samples each time they are delivered to the laboratory.	3	To meet requirements of QA / QC program	VOCs EPA Method 8260B
Total (QA / QC Samples)		6		

Table 2
Former Sunbelt Equipment Site
Brooklyn, NY
Monitoring Well Construction Information

Well No.	Well Diameter (in)	Total Well Depth (ft)	Screened Interval (ft)	Casing Reading	Casing Elevation	DTW 12/30/2014	GW ELV 12/30/2014
MW1	1	20	5-20	7.6	92.4	5.30	87.10
MW2	1	20	5-20	4.86	95.14	10.02	85.12
MW3	1	20	5-20	3.68	96.32	11.46	84.86
MW4	1	20	5-20	3.96	96.04	11.27	84.77
MW5	1	20	5-20	8.21	91.79	5.10	86.69
MW6	1	20	5-20			N/A	
MW7	1	20	5-20	5.02	94.98	9.57	85.41
MW8	1	20	5-20			N/A	
MW9	1	20	5-20	6.47	93.53	5.10	88.43
MW10	1	20	5-20	5.07	94.93	10.10	84.83

TABLE 3
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPA1 (0-12 ft)

Sample ID		NYSDEC Part 375	A1 (0-3) Comp			A1 (0-3) Grab			A1 (3-6) Comp			A1 (3-6) Grab			A1 (6-9) Comp			A1 (6-9) Grab			A1 (9-12) Comp			A1 (9-12) Grab		
York ID		Unrestricted Use	14K0830-01			14K0830-02			14K0830-03			14K0830-04			14K0830-05			14K0830-06			14K0830-07			14K0830-08		
Sampling Date		Soil Cleanup	11/20/2014 15:00			11/20/2014 15:00			11/20/2014 15:00			11/20/2014 15:00			11/20/2014 15:00			11/20/2014 15:00			11/20/2014 15:00			11/20/2014 15:00		
Client Matrix		Objectives	Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil		
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Total Petroleum Hydrocarbons-GRO (C5-C10)			mg/kg						mg/kg						mg/kg				mg/kg							
Dilution Factor			100						100						100				100							
Total Petroleum Hydrocarbons-GRO		~	NT	U	NT				NT	U					NT	U			NT	U						
Volatile Organics, NJDEP/TCL/Part 375 List		µg/Kg			µg/kg				µg/kg						µg/kg				µg/kg							
Dilution Factor			1		1				1						1				1							
1,1,1,2-Tetrachloroethane	630-20-6	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
1,1,1-Trichloroethane	71-55-6	680	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
1,1,2,2-Tetrachloroethane	79-34-5	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
1,1,2-Trichloroethane	79-00-5	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
1,1-Dichloroethane	75-34-3	270	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
1,1-Dichloroethylene	75-35-4	330	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
1,2,4-Trichlorobenzene	120-82-1	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
1,2,4-Trimethylbenzene	95-63-6	3600	NT		7.9	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
1,2-Dibromo-3-chloropropane	96-12-8	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
1,2-Dibromoethane	106-93-4	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
1,2-Dichlorobenzene	95-50-1	1100	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
1,2-Dichloroethane	107-06-2	20	NT		48.3	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
1,2-Dichloroethane-d4	~	~	NT		ND			NT	54.0			NT		47.5			NT	57.8			NT			57.8		
1,2-Dichloropropane	78-87-5	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
1,3,5-Trimethylbenzene	108-67-8	8400	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
1,3-Dichlorobenzene	541-73-1	2400	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
1,4-Dichlorobenzene	106-46-7	1800	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
1,4-Dioxane	123-91-1	100	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
2-Butanone	78-93-3	120	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
2-Hexanone	591-78-6	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
4-Methyl-2-pentanone	108-10-1	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Acetone	67-64-1	50	NT		17	J		NT	ND	U		NT		ND	J		NT	ND	J		NT			ND	U	
Acrolein	107-02-8	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Acrylonitrile	107-13-1	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Benzene	71-43-2	60	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Bromodichloromethane	75-27-4	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Bromoform	75-25-2	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Bromomethane	74-83-9	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Carbon disulfide	75-15-0	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Carbon tetrachloride	56-23-5	760	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Chlorobenzene	108-90-7	1100	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Chloroethane	75-00-3	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Chloroform	67-66-3	370	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Chloromethane	74-87-3	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
cis-1,2-Dichloroethylene	156-59-2	250	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
cis-1,3-Dichloropropylene	10061-01-5	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Dibromochloromethane	124-48-1	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Dibromomethane	74-95-3	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Dichlorodifluoromethane	75-71-8	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Ethyl Benzene	100-41-4	1000	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Hexachlorobutadiene	87-68-3	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Isopropylbenzene	98-82-8	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			430	U	
Methylcyclohexane	~	~	NT		NT			NT	1200			NT		2000			NT	1600			NT			1600		
Methyl acetate	79-20-9	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Methyl tert-butyl ether (MTBE)	1634-04-4	930	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Methylene chloride	75-09-2	50	NT		ND	J		NT	ND	J		NT		ND	J		NT	ND	J		NT			ND	J	
n-Butylbenzene	104-51-8	12000	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
n-Propylbenzene	103-65-1	3900	NT		ND	U		NT	ND	U		NT		ND	U		NT	430			NT			430	U	
p-Bromofluorobenzene	~	~	NT		52.4	U		NT	40.1			NT		44.8			NT	42.5			NT			42.5	U	
o-Xylene	95-47-6	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
p- & m- Xylenes	179601-23-1	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
p-Isopropyltoluene	99-87-6	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
sec-Butylbenzene	135-98-8	11000	NT		ND	U		NT	650			NT		ND	U		NT	940			NT			940	U	
Styrene	100-42-5	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
tert-Butyl alcohol (TBA)	75-65-0	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
tert-Butylbenzene	98-06-6	5900	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Tetrachloroethylene	127-18-4	1300	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Toluene	108-88-3	700	NT		ND	U		NT	60.1			NT		52.4			NT	38.2			NT			38.2	U	
Toluene-d8	~	~	NT		52.2	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
trans-1,2-Dichloroethylene	156-60-5	190	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
trans-1,3-Dichloropropylene	10061-02-6	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Trichloroethylene	79-01-6	470	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Trichlorofluoromethane	75-69-4	~	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Vinyl Chloride	75-01-4	20	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	
Xylenes, Total	1330-20-7	260	NT		ND	U		NT	ND	U		NT		ND	U		NT	ND	U		NT			ND	U	

TABLE 3
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPA1 (0-12 ft)

Sample ID		NYSDEC Part 375	A1 (0-3) Comp	A1 (0-3) Grab	A1 (3-6) Comp	A1 (3-6) Grab	A1 (6-9) Comp	A1 (6-9) Grab	A1 (9-12) Comp	A1 (9-12) Grab
York ID		Unrestricted Use	14K0830-01	14K0830-02	14K0830-03	14K0830-04	14K0830-05	14K0830-06	14K0830-07	14K0830-08
Sampling Date		Soil Cleanup	11/20/2014 15:00	11/20/2014 15:00	11/20/2014 15:00	11/20/2014 15:00	11/20/2014 15:00	11/20/2014 15:00	11/20/2014 15:00	11/20/2014 15:00
Client Matrix		Objectives	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, NJDEP/TCL/Part 375 List		µg/Kg	µg/kg		µg/kg		µg/kg		µg/kg	
Dilution Factor		1	1		1		1		1	
1,1'-Biphenyl	92-52-4	~	ND	U	ND	U	ND	U	ND	U
1,2,4-Trichlorobenzene	120-82-1	~	ND	U	ND	U	ND	U	ND	U
1,2-Dichlorobenzene	95-50-1	1100	ND	U	ND	U	ND	U	ND	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	ND	U	ND	U	ND	U	ND	U
1,3-Dichlorobenzene	541-73-1	2400	ND	U	ND	U	ND	U	ND	U
1,4-Dichlorobenzene	106-46-7	1800	ND	U	ND	U	ND	U	ND	U
2,4,5-Trichlorophenol	95-95-4	~	ND	U	ND	U	38.6	U	ND	U
2,4,6-Trichlorophenol	88-06-2	~	ND	U	ND	U	ND	U	ND	U
2,4,6-Tribromophenol	~	~	6440	U	3020	U	1190	U	1210	U
2,4-Dichlorophenol	120-83-2	~	ND	U	ND	U	ND	U	ND	U
2,4-Dimethylphenol	105-67-9	~	ND	U	ND	U	ND	U	ND	U
2,4-Dinitrophenol	51-28-5	~	ND	U	ND	U	ND	U	ND	U
2,4-Dinitrotoluene	121-14-2	~	ND	U	ND	U	ND	U	ND	U
2,6-Dinitrotoluene	606-20-2	~	ND	U	ND	U	ND	U	ND	U
2-Chloronaphthalene	91-58-7	~	ND	U	ND	U	ND	U	ND	U
2-Chlorophenol	95-57-8	~	ND	U	ND	U	ND	U	ND	U
2-Fluorophenol	~	~	5510	U	2920	U	1420	U	1470	U
2-Fluorobiphenyl	~	~	4070	U	2280	U	1090	U	1180	U
2-Methylnaphthalene	91-57-6	~	ND	U	ND	U	57.9	U	220	U
2-Methylphenol	95-48-7	330	ND	U	ND	U	ND	U	ND	U
2-Nitroaniline	88-74-4	~	ND	U	ND	U	ND	U	ND	U
2-Nitrophenol	88-75-5	~	ND	U	ND	U	ND	U	ND	U
3- & 4-Methylphenols	65794-96-9	~	ND	U	ND	U	ND	U	ND	U
3,3'-Dichlorobenzidine	91-94-1	~	ND	U	ND	U	ND	U	ND	U
3-Nitroaniline	99-09-2	~	ND	U	ND	U	ND	U	ND	U
4,6-Dinitro-2-methylphenol	534-52-1	~	ND	U	ND	U	ND	U	ND	U
4-Bromophenyl phenyl ether	101-55-3	~	ND	U	ND	U	ND	U	ND	U
4-Chloroaniline	106-47-8	~	ND	U	ND	U	ND	U	ND	U
4-Chlorophenyl phenyl ether	7005-72-3	~	ND	U	ND	U	ND	U	ND	U
4-Nitroaniline	100-01-6	~	ND	U	ND	U	ND	U	ND	U
4-Nitrophenol	100-02-7	~	ND	U	ND	U	ND	U	ND	U
Acenaphthene	83-32-9	20000	489	U	ND	U	ND	U	48.9	U
Acenaphthylene	208-96-8	100000	1060	J	ND	U	ND	U	ND	U
Acetophenone	98-86-2	~	ND	U	ND	U	ND	U	ND	U
Anthracene	120-12-7	100000	3280	U	574	U	ND	U	51.6	JD
Atrazine	1912-24-9	~	ND	U	ND	U	ND	U	ND	U
Benzaldehyde	100-52-7	~	ND	U	ND	U	ND	U	ND	U
Benzidine	92-87-5	~	ND	U	ND	U	ND	U	ND	U
Benzo(a)anthracene	56-55-3	1000	4670	J	1980	J	ND	U	37.9	D
Benzo(a)pyrene	50-32-8	1000	2530	J	1470	J	ND	J	ND	D
Benzo(b)fluoranthene	205-99-2	1000	2700	J	1580	J	ND	J	ND	D
Benzo(g,h,i)perylene	191-24-2	100000	2590	J	1130	U	ND	U	ND	JD
Benzo(k)fluoranthene	207-08-9	800	2630	J	1550	J	ND	J	ND	D
Benzoic acid	65-85-0	~	ND	U	ND	U	ND	U	ND	U
Benzyl butyl phthalate	85-68-7	~	ND	U	ND	U	ND	U	ND	U
Bis(2-chloroethoxy)methane	111-91-1	~	ND	U	ND	U	ND	U	ND	U
Bis(2-chloroethyl)ether	111-44-4	~	ND	U	ND	U	ND	U	ND	U
Bis(2-chloroisopropyl)ether	108-60-1	~	ND	U	ND	U	ND	U	ND	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	ND	U	ND	U	ND	U	ND	U
Caprolactam	105-60-2	~	ND	U	ND	U	ND	U	ND	U
Carbazole	86-74-8	~	1040	U	370	U	ND	U	ND	U
Chrysene	218-01-9	1000	4440	J	2230	J	ND	U	ND	D
Dibenzo(a,h)anthracene	53-70-3	330	1290	U	552	U	ND	U	ND	U
Dibenzofuran	132-64-9	7000	313	U	ND	U	ND	U	ND	U
Diethyl phthalate	84-66-2	~	ND	U	ND	U	ND	U	ND	U
Dimethyl phthalate	131-11-3	~	ND	U	ND	U	ND	U	ND	U
Di-n-butyl phthalate	84-74-2	~	537	U	ND	U	ND	U	ND	U
Di-n-octyl phthalate	117-84-0	~	ND	U	ND	U	ND	U	ND	U
Fluoranthene	206-44-0	100000	8410	U	5470	J	ND	U	37.9	D
Fluorene	86-73-7	30000	541	U	ND	U	ND	U	62.7	U
Hexachlorobenzene	118-74-1	330	ND	U	ND	U	ND	U	ND	U
Hexachlorobutadiene	87-68-3	~	ND	U	ND	U	ND	U	ND	U
Hexachlorocyclopentadiene	77-47-4	~	ND	U	ND	U	ND	U	ND	U
Hexachloroethane	67-72-1	~	ND	U	ND	U	ND	U	ND	U
Indeno(1,2,3-cd)pyrene	193-39-5	500	2510	J	964	U	ND	J	ND	JD
Isophorone	78-59-1	~	ND	U	ND	U	ND	U	ND	U
Naphthalene	91-20-3	12000	ND	U	ND	U	ND	U	55.8	U
Nitrobenzene	98-95-3	~	ND	U	ND	U	ND	U	ND	U
Nitrobenzene-d5	~	~	3930	U	5360	U	956	U	1010	U
N-Nitrosodimethylamine	62-75-9	~	ND	U	ND	U	ND	U	ND	U
N-nitroso-di-n-propylamine	621-64-7	~	ND	U	ND	U	ND	U	ND	U
N-Nitrosodiphenylamine	86-30-6	~	ND	U	ND	U	ND	U	ND	U
Pentachlorophenol	87-86-5	800	ND	U	ND	U	ND	U	ND	U
Phenanthrene	85-01-8	100000	4180	J	1920	J	66.0	J	149	D
Phenol	108-95-2	330	ND	U	ND	U	ND	U	ND	U
Phenol-d5	~	~	6300	U	3200	U	1590	U	1570	U
Pyrene	129-00-0	100000	7650	U	3540	J	ND	U	78.4	D
Terphenyl-d14	~	~	4540	U	1890	U	1040	U	1130	U

TABLE 3
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPA1 (0-12 ft)

Sample ID		NYSDEC Part 375	A1 (0-3) Comp		A1 (0-3) Grab		A1 (3-6) Comp		A1 (3-6) Grab		A1 (6-9) Comp		A1 (6-9) Grab		A1 (9-12) Comp		A1 (9-12) Grab
York ID		Unrestricted Use	14K0830-01		14K0830-02		14K0830-03		14K0830-04		14K0830-05		14K0830-06		14K0830-07		14K0830-08
Sampling Date		Soil Cleanup	11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00
Client Matrix		Objectives	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result
Total Petroleum Hydrocarbons-DRO (C10-C28)																	
Dilution Factor			mg/kg				mg/kg				mg/kg				mg/kg		
			1				1				1				1		
Total Petroleum Hydrocarbons-DRO		~	NT		NT		NT		NT		NT		NT		U		NT
Herbicides, NJDEP/TCL/Part 375 List																	
Dilution Factor		mg/Kg	mg/kg				mg/kg				mg/kg				mg/kg		
			1				1				1				1		
2,4,5-T	93-76-5	~	NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT
2,4,5-TP (Silvex)	93-72-1	3.8	NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT
2,4-D	94-75-7	~	NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT
Pesticides, NJDEP/TCL/Part 375 List																	
Dilution Factor		µg/Kg	µg/kg				µg/kg				µg/kg				µg/kg		
			5				5				5				5		
4,4'-DDD	72-54-8	3.3	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
4,4'-DDE	72-55-9	3.3	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
4,4'-DDT	50-29-3	3.3	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Aldrin	309-00-2	5	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
alpha-BHC	319-84-6	20	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
alpha-Chlordane	5103-71-9	94	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
beta-BHC	319-85-7	36	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Chlordane, total	57-74-9	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Decachlorodibiphenyl		~	87.9	U	NT		64.0	U	NT		77.6	U	NT		74.9	U	NT
delta-BHC	319-86-8	40	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Dieldrin	60-57-1	5	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Endosulfan I	959-98-8	2400	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Endosulfan II	33213-65-9	2400	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Endosulfan sulfate	1031-07-8	2400	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Endrin	72-20-8	14	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Endrin aldehyde	7421-93-4	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Endrin ketone	53494-70-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
gamma-BHC (Lindane)	58-89-9	100	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
gamma-Chlordane	5103-74-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Heptachlor	76-44-8	42	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Heptachlor epoxide	1024-57-3	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Methoxychlor	72-43-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Toxaphene	8001-35-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Tetrachloro-m-xylene		~	73.5	U	NT		65.0	U	NT		61.8	U	NT		59.7	U	NT
Polychlorinated Biphenyls (PCB)																	
Dilution Factor		µg/Kg	µg/kg				µg/kg				µg/kg				µg/kg		
			1				1				1				1		
Aroclor 1016	12674-11-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Aroclor 1221	11104-28-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Aroclor 1232	11141-16-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Aroclor 1242	53469-21-9	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Aroclor 1248	12672-29-6	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Aroclor 1254	11097-69-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Aroclor 1260	11096-82-5	~	0.0805	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Total PCBs	1336-36-3	100	0.0805	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Metals, Target Analyte																	
Dilution Factor		mg/Kg	mg/kg				mg/kg				mg/kg				mg/kg		
			1				1				1				1		
Aluminum	7429-90-5	~	7960		NT		6090		NT		9100		NT		9970		NT
Antimony	7440-36-0	~	1.33		NT		1.09	U	NT		ND	U	NT		ND	U	NT
Arsenic	7440-38-2	13	18.5		NT		95.3		NT		4.16		NT		1.92		NT
Barium	7440-39-3	350	255		NT		360		NT		66.6		NT		127		NT
Beryllium	7440-41-7	7.2	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Cadmium	7440-43-9	2.5	0.886	U	NT		4.63	U	NT		ND	U	NT		ND	U	NT
Calcium	7440-70-2	~	30300		NT		29200		NT		2870		NT		1060		NT
Chromium	7440-47-3	~	19.9		NT		22.4		NT		17.2		NT		22.3		NT
Cobalt	7440-48-4	~	7.98		NT		14.6		NT		9.63		NT		9.38		NT
Copper	7440-50-8	50	77.1		NT		245		NT		30.1		NT		14.7		NT
Iron	7439-89-6	~	35200		NT		60600		NT		20100		NT		20500		NT
Lead	7439-92-1	63	590		NT		3660		NT		70.8		NT		34.0		NT
Magnesium	7439-95-4	~	8570		NT		3340		NT		2780		NT		3730		NT
Manganese	7439-96-5	1600	379		NT		310		NT		359		NT		206		NT
Nickel	7440-02-0	30	26.5		NT		27.2		NT		14.9		NT		16.8		NT
Potassium	7440-09-7	~	1600		NT		977		NT		1410		NT		1840		NT
Selenium	7782-49-2	3.9	5.22		NT		10.5		NT		2.65		NT		2.68		NT
Silver	7440-22-4	2	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Sodium	7440-23-5	~	604		NT		394		NT		62.2		NT		38.1		NT
Thallium	7440-28-0	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Vanadium	7440-62-2	~	38.7		NT		37.8		NT		28.9		NT		26.8		NT
Zinc	7440-66-6	109	491		NT		1240		NT		62.0		NT		38.9		NT
Metals, TCLP RCRA																	
Dilution Factor		mg/L	mg/L				mg/L				mg/L				mg/L		
			1				1				1				1		
Arsenic	7440-38-2	5	ND	U	NT		0.030	U	NT		ND	U	NT		ND	U	NT
Barium	7440-39-3	100	0.907		NT		0.815		NT		0.495		NT		0.452		NT
Cadmium	7440-43-9	1	0.012	U	NT		0.004	U	NT		ND	U	NT		ND	U	NT
Chromium	7440-47-3	5	ND		NT		ND		NT		ND		NT		ND		NT
Lead	7439-92-1	5	0.831		NT		3.19		NT		0.168		NT		0.060		NT
Selenium	7782-49-2	1	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Silver	7440-22-4	5	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Mercury by 7473																	
Dilution Factor		mg/kg	mg/kg				mg/kg				mg/kg				mg/kg		
			1				1				1				1		
Mercury	7439-97-6	0.18	0.686		NT		1.10		NT		0.0901		NT		0.0344		NT

TABLE 3
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPA1 (0-12 ft)

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	A1 (0-3) Comp 14K0830-01 11/20/2014 15:00 Soil		A1 (0-3) Grab 14K0830-02 11/20/2014 15:00 Soil		A1 (3-6) Comp 14K0830-03 11/20/2014 15:00 Soil		A1 (3-6) Grab 14K0830-04 11/20/2014 15:00 Soil		A1 (6-9) Comp 14K0830-05 11/20/2014 15:00 Soil		A1 (6-9) Grab 14K0830-06 11/20/2014 15:00 Soil		A1 (9-12) Comp 14K0830-07 11/20/2014 15:00 Soil		A1 (9-12) Grab 14K0830-08 11/20/2014 15:00 Soil	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Mercury, TCLP Dilution Factor		mg/L 1	1				mg/L 1				mg/L 1				mg/L 1			
Mercury	7439-97-6	0.2	ND	U	NT		ND	U	NT		ND	U	NT		0.0000390	U	NT	
Corrosivity Dilution Factor			pH units 1				pH units 1				pH units 1				pH units 1			
pH		~	9.21		NT		8.37		NT		7.81		NT		7.94		NT	
Ignitability Dilution Factor			- 1				- 1				- 1				- 1			
Ignitability		~	Non-Ignit.		NT		Non-Ignit.		NT		Non-Ignit.		NT		Non-Ignit.		NT	
Paint Filter Test Dilution Factor			1				1				1				1			
Paint Filter Test		~	No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT	
Reactivity-Cyanide Dilution Factor			mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1			
Reactivity - Cyanide		~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Reactivity-Sulfide Dilution Factor			mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1			
Reactivity - Sulfide		~	16.0	U	NT		24.0	U	NT		24.0	U	NT		16.0	U	NT	
TCLP Extraction for METALS EPA 1311 Dilution Factor			N/A 1				N/A 1				N/A 1				N/A 1			
TCLP Extraction		~	Completed		NT		Completed		NT		Completed		NT		Completed		NT	
Total Solids Dilution Factor			% 1				% 1				% 1				% 1			
% Solids	solids	~	90.6		89.8		78.5		78.3		82.90		82.8		87.20		88.3	

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

B=analyte found in the analysis batch blank

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

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

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

DISCLAIMER:

York Analytical Laboratories, Inc. is providing this information as a convenience to you. York makes no representations or warranties that these data are accurate, complete or represent the latest regulatory authority limits or analytes. York is not responsible for any errors or omissions in these specific regulations.

Your use of these data constitute your understanding of these limitations and you agree to hold York harmless from any and all action that may arise from use of said information. As regulations change often, we encourage the user to review the regulatory limits and lists of interest to confirm these data.

TABLE 4
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPA2 (0-12 ft)

Sample ID York ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	A2 (0-3) Comp 14K0834-01 11/20/2014 15:00 Soil		A2 (0-3) Grab 14K0834-02 11/20/2014 15:00 Soil		A2 (3-6) Comp 14K0834-03 11/20/2014 15:00 Soil		A2 (3-6) Grab 14K0834-04 11/20/2014 15:00 Soil		A2 (6-9) Comp 14K0834-05 11/20/2014 15:00 Soil		A2 (6-9) Grab 14K0834-06 11/20/2014 15:00 Soil		A2 (9-12) Comp 14K0834-07 11/20/2014 15:00 Soil		A2 (9-12) Grab 14K0834-08 11/20/2014 15:00 Soil	
Sampling Date	Compound	CAS Number	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Client Matrix			mg/kg				mg/kg				mg/kg				mg/kg			
Total Petroleum Hydrocarbons-GRO (CS-C10)			NT		NT		NT		NT		NT		NT		NT		NT	
Dilution Factor			100				100				100				100			
Total Petroleum Hydrocarbons-GRO		~	NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT	
Volatile Organics, NJDEP/TCL/Part 375 List		µg/Kg			µg/Kg				µg/Kg				µg/Kg				µg/Kg	
Dilution Factor		1			1				1				1				1	
1,1,1,2-Tetrachloroethane	630-20-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,1-Trichloroethane	71-55-6	680	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,2,2-Tetrachloroethane	79-34-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,2-Trichloroethane	79-00-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1-Dichloroethane	75-34-3	270	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1-Dichloroethylene	75-35-4	330	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2,4-Trichlorobenzene	120-82-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2,4-Trimethylbenzene	95-63-6	3600	NT		11	U	NT		9.2	U	NT		2700	U	NT		1200	U
1,2-Dibromo-3-chloropropane	~	~	NT		~	U	NT		~	U	NT		~	U	NT		~	U
1,2-Dibromoethane	106-93-4	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dichlorobenzene	95-50-1	1100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dichloroethane	107-06-2	20	NT		47.3	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dichloroethane-d4	~	~	NT		47.3		NT		47.6		NT		53.9		NT		51.5	
1,2-Dichloropropane	78-87-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,3,5-Trimethylbenzene	108-67-8	8400	NT		5.8	U	NT		ND	U	NT		ND	U	NT		ND	U
1,3-Dichlorobenzene	541-73-1	2400	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,4-Dichlorobenzene	106-46-7	1800	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,4-Dioxane	123-91-1	100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
2-Butanone	78-93-3	120	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
2-Hexanone	591-78-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
4-Methyl-2-pentanone	108-10-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Acetone	67-64-1	50	NT		ND	J	NT		ND	U	NT		ND	J	NT		ND	U
Acrolein	107-02-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Acrylonitrile	107-13-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Benzene	71-43-2	60	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Bromodichloromethane	75-27-4	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Bromoform	75-25-2	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Bromomethane	74-83-9	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Carbon disulfide	75-15-0	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Carbon tetrachloride	56-23-5	760	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chlorobenzene	108-90-7	1100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chloroethane	75-00-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chloroform	67-66-3	370	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chloromethane	74-87-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
cis-1,2-Dichloroethylene	156-59-2	250	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
cis-1,3-Dichloropropylene	10061-01-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Cyclohexane	~	~	NT		ND		NT		ND		NT		1000		NT		ND	
Dibromochloromethane	124-48-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Dibromomethane	74-95-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Dichlorodifluoromethane	75-71-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Ethyl Benzene	100-41-4	1000	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Hexachlorobutadiene	87-68-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Isopropylbenzene	98-82-8	~	NT		ND	U	NT		ND	U	NT		460	U	NT		350	U
Methylcyclohexane	~	~	NT		NT		NT		ND		NT		3100		NT		510	
Methyl acetate	79-20-9	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Methyl tert-butyl ether (MTBE)	1634-04-4	930	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Methylene chloride	75-09-2	50	NT		ND	J	NT		ND	J	NT		ND	J	NT		ND	J
n-Butylbenzene	104-51-8	12000	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
n-Propylbenzene	103-65-1	3900	NT		ND	U	NT		ND	U	NT		700	U	NT		370	U
p-Bromofluorobenzene	~	~	NT		56.3	U	NT		49.5		NT		ND		NT		46.1	
o-Xylene	95-47-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
p- & m- Xylenes	179601-23-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
p-Isopropyltoluene	~	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
sec-Butylbenzene	135-98-8	11000	NT		ND	U	NT		ND	U	NT		910	U	NT		ND	U
Styrene	100-42-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
tert-Butyl alcohol (TBA)	75-65-0	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
tert-Butylbenzene	98-06-6	5900	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Tetrachloroethylene	127-18-4	1300	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Toluene	108-88-3	700	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Toluene-d8	~	~	NT		52.7	U	NT		50.8		NT		55.8		NT		52.1	
trans-1,2-Dichloroethylene	156-60-5	190	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
trans-1,3-Dichloropropylene	10061-02-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Trichloroethylene	79-01-6	470	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Trichlorofluoromethane	75-69-4	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Vinyl Chloride	75-01-4	20	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Xylenes, Total	1330-20-7	260	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U

TABLE 4
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPA2 (0-12 ft)

Sample ID York ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	A2 (0-3) Comp 14K0834-01 11/20/2014 15:00 Soil		A2 (0-3) Grab 14K0834-02 11/20/2014 15:00 Soil		A2 (3-6) Comp 14K0834-03 11/20/2014 15:00 Soil		A2 (3-6) Grab 14K0834-04 11/20/2014 15:00 Soil		A2 (6-9) Comp 14K0834-05 11/20/2014 15:00 Soil		A2 (6-9) Grab 14K0834-06 11/20/2014 15:00 Soil		A2 (9-12) Comp 14K0834-07 11/20/2014 15:00 Soil		A2 (9-12) Grab 14K0834-08 11/20/2014 15:00 Soil	
Sampling Date	Compound	CAS Number	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Client Matrix			µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
	Semi-Volatiles, NJDEP/TCL/Part 375 List		µg/Kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
	Dilution Factor		1		1		1		1		1		2		2			
	1,1'-Biphenyl	92-52-4	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	1,2,4-Trichlorobenzene	120-82-1	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	1,2-Dichlorobenzene	95-50-1	1100	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	1,3-Dichlorobenzene	541-73-1	2400	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	1,4-Dichlorobenzene	106-46-7	1800	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	2,4,5-Trichlorophenol	95-95-4	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	2,4,6-Trichlorophenol	88-06-2	~	34.8	U	NT	ND	U	NT	1480	U	NT	ND	U	NT	ND	U	NT
	2,4,6-Tribromophenol		~	2070	U	NT	ND	U	NT	3080	U	NT	ND	U	NT	ND	U	NT
	2,4-Dichlorophenol	120-83-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	2,4-Dimethylphenol	105-67-9	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	2,4-Dinitrophenol	51-28-5	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	2,4-Dinitrotoluene	121-14-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	2,6-Dinitrotoluene	606-20-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	2-Chloronaphthalene	91-58-7	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	2-Chlorophenol	95-57-8	~	1170	U	NT	2190	U	NT	1610	U	NT	2570	U	NT	3110	U	NT
	2-Fluorophenol		~	1360	U	NT	1750	U	NT	2700	U	NT	20800	U	NT		U	NT
	2-Fluorobiphenyl		~	61.2	U	NT	ND	U	NT	9000	U	NT	ND	U	NT	ND	U	NT
	2-Methylnaphthalene	91-57-6	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	2-Methylphenol	95-48-7	330	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	2-Nitroaniline	88-74-4	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	2-Nitrophenol	88-75-5	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	3- & 4-Methylphenols	65794-96-9	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	3,3'-Dichlorobenzidine	91-94-1	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	3-Nitroaniline	99-09-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	4,6-Dinitro-2-methylphenol	534-52-1	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	4-Bromophenyl phenyl ether	101-55-3	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	4-Chloroaniline	106-47-8	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	4-Chlorophenyl phenyl ether	7005-72-3	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	4-Nitroaniline	100-01-6	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	4-Nitrophenol	100-02-7	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Acenaphthene	83-32-9	20000	154	U	NT	47.7	U	NT	2970	U	NT	1370	U	NT	1370	U	NT
	Acenaphthylene	208-96-8	100000	95.3	J	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Acetophenone	98-86-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Anthracene	120-12-7	100000	496	U	NT	117	U	NT	4960	U	NT	ND	JD	NT	ND	JD	NT
	Atrazine	1912-24-9	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Benzaldehyde	100-52-7	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Benidine	92-87-5	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Benzo(a)anthracene	56-55-3	1000	4670	J	NT	485	J	NT	6280	J	NT	ND	D	NT	ND	D	NT
	Benzo(a)pyrene	50-32-8	1000	314	J	NT	305	J	NT	4360	J	NT	ND	D	NT	ND	D	NT
	Benzo(b)fluoranthene	205-99-2	1000	173	J	NT	156	J	NT	3670	J	NT	ND	D	NT	ND	D	NT
	Benzo(g,h,i)perylene	191-24-2	100000	170	J	NT	155	U	NT	1940	J	NT	ND	JD	NT	ND	JD	NT
	Benzo(k)fluoranthene	207-08-9	800	250	J	NT	264	J	NT	4140	J	NT	ND	D	NT	ND	D	NT
	Benzoic acid	65-85-0	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Benzyl butyl phthalate	85-68-7	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Bis(2-chloroethoxy)methane	111-91-1	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Bis(2-chloroethyl)ether	111-44-4	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Bis(2-chloroisopropyl)ether	108-60-1	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Bis(2-ethylhexyl)phthalate	117-81-7	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Caprolactam	105-60-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Carbazole	86-74-8	~	69.5	U	NT	ND	U	NT	1300	U	NT	ND	U	NT	ND	U	NT
	Chrysene	218-01-9	1000	ND	J	NT	586	J	NT	7020	J	NT	ND	D	NT	ND	D	NT
	Cyclohexane	~	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Dibenzofuran	132-64-9	7000	ND	U	NT	ND	U	NT	ND	U	NT	1230	U	NT	1230	U	NT
	Diethyl phthalate	84-66-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Dimethyl phthalate	131-11-3	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Di-n-butyl phthalate	84-74-2	~	53.6	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Di-n-octyl phthalate	117-84-0	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Fluoranthene	206-44-0	100000	674	U	NT	956	J	NT	16200	J	NT	ND	D	NT	ND	D	NT
	Fluorene	86-73-7	30000	203	U	NT	40.8	U	NT	3430	U	NT	1610	U	NT	1610	U	NT
	Hexachlorobenzene	118-74-1	330	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Hexachlorobutadiene	87-68-3	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Hexachlorocyclopentadiene	77-47-4	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Hexachloroethane	67-72-1	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Indeno(1,2,3-cd)pyrene	193-39-5	500	193	J	NT	202	U	NT	1970	J	NT	ND	JD	NT	ND	JD	NT
	Isophorone	78-59-1	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Naphthalene	91-20-3	12000	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Nitrobenzene	98-95-3	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Nitrobenzene-d5	~	~	862	U	NT	1410	U	NT	0.00	U	NT	43300	U	NT	43300	U	NT
	N-Nitrosodimethylamine	62-75-9	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	N-nitroso-di-n-propylamine	621-64-7	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	N-Nitrosodiphenylamine	86-30-6	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Pentachlorophenol	87-86-5	800	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Phenanthrene	85-01-8	100000	527	J	NT	704	J	NT	23700	J	NT	1620	D	NT	1620	D	NT
	Phenol	108-95-2	330	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
	Phenol-d5	~	~	1220	U	NT	2320	U	NT	3440	U	NT	2390	U	NT	2390	U	NT
	Pyrene	129-00-0	100000	2040	U	NT	1160	J	NT	15300	U	NT	ND	D	NT	ND	D	NT
	Terphenyl-d14	~	~	1630	U	NT	2750	U	NT	2530	U	NT	2160	U	NT	2160	U	NT

TABLE 4
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPA2 (0-12 ft)

Sample ID York ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	A2 (0-3) Comp 14K0834-01 11/20/2014 15:00 Soil		A2 (0-3) Grab 14K0834-02 11/20/2014 15:00 Soil		A2 (3-6) Comp 14K0834-03 11/20/2014 15:00 Soil		A2 (3-6) Grab 14K0834-04 11/20/2014 15:00 Soil		A2 (6-9) Comp 14K0834-05 11/20/2014 15:00 Soil		A2 (6-9) Grab 14K0834-06 11/20/2014 15:00 Soil		A2 (9-12) Comp 14K0834-07 11/20/2014 15:00 Soil		A2 (9-12) Grab 14K0834-08 11/20/2014 15:00 Soil	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Total Petroleum Hydrocarbons-DRO (C10-C28)			mg/kg				mg/kg				mg/kg				mg/kg			
Dilution Factor			1				1				1				1			
Total Petroleum Hydrocarbons-DRO		~	NT		NT		NT		NT		NT		NT		NT	U	NT	
Herbicides, NJDEP/TCL/Part 375 List			mg/Kg				mg/kg				mg/kg				mg/kg			
Dilution Factor			1				1				1				1			
2,4,5-T	93-76-5	~	NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT	
2,4,5-TP (Silvex)	93-72-1	3.8	NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT	
2,4-D	94-75-7	~	NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT	
Pesticides, NJDEP/TCL/Part 375 List			µg/Kg				µg/kg				µg/kg				µg/kg			
Dilution Factor			5				5				5				5			
4,4'-DDD	72-54-8	3.3	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
4,4'-DDE	72-55-9	3.3	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
4,4'-DDT	50-29-3	3.3	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Aldrin	309-00-2	5	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
alpha-BHC	319-84-6	20	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
alpha-Chlordane	5103-71-9	94	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
beta-BHC	319-85-7	36	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Chlordane, total	57-74-9	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Decachlorodiphenyl		~	56.3	U	NT		87.5	U	NT		48.4	U	NT		42.1	U	NT	
delta-BHC	319-86-8	40	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Dieldrin	60-57-1	5	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Endosulfan I	959-98-8	2400	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Endosulfan II	33213-65-9	2400	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Endosulfan sulfate	1031-07-8	2400	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Endrin	72-20-8	14	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Endrin aldehyde	7421-93-4	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Endrin ketone	53494-70-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
gamma-BHC (Lindane)	58-89-9	100	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
gamma-Chlordane	5103-74-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Heptachlor	76-44-8	42	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Heptachlor epoxide	1024-57-3	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Methoxychlor	72-43-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Toxaphene	8001-35-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Tetrachloro-m-xylene		~	54.2	U	NT		73.5	U	NT		79.6	U	NT		73	U	NT	
Polychlorinated Biphenyls (PCB)			µg/Kg				µg/kg				µg/kg				µg/kg			
Dilution Factor			1				1				1				1			
Aroclor 1016	12674-11-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Aroclor 1221	11104-28-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Aroclor 1232	11141-16-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Aroclor 1242	53469-21-9	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Aroclor 1248	12672-29-6	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Aroclor 1254	11097-69-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Aroclor 1260	11096-82-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Total PCBs	1336-36-3	100	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Metals, Target Analyte			mg/Kg				mg/kg				mg/kg				mg/kg			
Dilution Factor			1				1				1				1			
Aluminum	7429-90-5	~	5210		NT		5860		NT		4210		NT		4910		NT	
Antimony	7440-36-0	~	2.51		NT		3.06	U	NT		26.3	U	NT		7.29	U	NT	
Arsenic	7440-38-2	13	15.6		NT		13.0	U	NT		1800		NT		854		NT	
Barium	7440-39-3	350	202		NT		1320		NT		342		NT		288		NT	
Beryllium	7440-41-7	7.2	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Cadmium	7440-43-9	2.5	0.601	U	NT		2.60	U	NT		1.26	U	NT		ND	U	NT	
Calcium	7440-70-2	~	14700		NT		34500		NT		15900		NT		7160		NT	
Chromium	7440-47-3	~	15.5		NT		16.2		NT		18.6		NT		11.6		NT	
Cobalt	7440-48-4	~	9.62		NT		5.67		NT		33.8		NT		9.21		NT	
Copper	7440-50-8	50	105		NT		53.3		NT		500		NT		212		NT	
Iron	7439-89-6	~	29800		NT		13700		NT		60200		NT		50700		NT	
Lead	7439-92-1	63	712		NT		3230		NT		9350		NT		3740		NT	
Magnesium	7439-95-4	~	4780		NT		2770		NT		2240		NT		2420		NT	
Manganese	7439-96-5	1600	299		NT		283		NT		165		NT		667		NT	
Nickel	7440-02-0	30	14.3		NT		13.8		NT		21.5		NT		5.58		NT	
Potassium	7440-09-7	~	1520		NT		866		NT		603		NT		693		NT	
Selenium	7782-49-2	3.9	3.65		NT		1.78		NT		27.8		NT		48		NT	
Silver	7440-22-4	2	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Sodium	7440-23-5	~	177		NT		198		NT		176		NT		171		NT	
Thallium	7440-28-0	~	ND	U	NT		ND	U	NT		1.57	U	NT		14.2	U	NT	
Vanadium	7440-62-2	~	34.2		NT		17.2		NT		14.9		NT		14.2		NT	
Zinc	7440-66-6	109	507		NT		1870		NT		1110		NT		465		NT	
Metals, TCLP RCRA			mg/Kg				mg/L				mg/L				mg/L			
Dilution Factor			1				1				1				1			
Arsenic	7440-38-2	5	ND	U	NT		ND	U	NT		0.289	U	NT		ND	U	NT	
Barium	7440-39-3	100	1.19		NT		0.521		NT		0.852		NT		0.637		NT	
Cadmium	7440-43-9	1	0.011	U	NT		0.026	U	NT		ND	U	NT		ND	U	NT	
Chromium	7440-47-3	5	ND		NT		ND	U	NT		ND	U	NT		ND	U	NT	
Lead	7439-92-1	5	6.90		NT		1.11		NT		0.008		NT		ND		NT	
Selenium	7782-49-2	1	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Silver	7440-22-4	5	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Mercury by 7473			mg/Kg				mg/kg				mg/kg				mg/kg			
Dilution Factor			1				1				1				1			
Mercury	7439-97-6	0.2	0.993		NT		1.42		NT		12.9		NT		2.6		NT	

TABLE 4
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPA2 (0-12 ft)

Sample ID York ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	A2 (0-3) Comp 14K0834-01 11/20/2014 15:00 Soil		A2 (0-3) Grab 14K0834-02 11/20/2014 15:00 Soil		A2 (3-6) Comp 14K0834-03 11/20/2014 15:00 Soil		A2 (3-6) Grab 14K0834-04 11/20/2014 15:00 Soil		A2 (6-9) Comp 14K0834-05 11/20/2014 15:00 Soil		A2 (6-9) Grab 14K0834-06 11/20/2014 15:00 Soil		A2 (9-12) Comp 14K0834-07 11/20/2014 15:00 Soil		A2 (9-12) Grab 14K0834-08 11/20/2014 15:00 Soil	
Sampling Date			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Client Matrix	Compound	CAS Number																
Mercury, TCLP			mg/L				mg/L				mg/L				mg/L			
Dilution Factor			1				1				1				1			
Mercury		7439-97-6	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Corrosivity			pH units				pH units				pH units				pH units			
Dilution Factor			1				1				1				1			
pH			8.77		NT		8.64		NT		8.27		NT		7.91		NT	
Ignitability			-				-				-				-			
Dilution Factor			1				1				1				1			
Ignitability			Non-Ignit.		NT		Non-Ignit.		NT		Non-Ignit.		NT		Non-Ignit.		NT	
Paint Filter Test			1				1				1				1			
Dilution Factor																		
Paint Filter Test			No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT	
Reactivity-Cyanide			mg/kg				mg/kg				mg/kg				mg/kg			
Dilution Factor			1				1				1				1			
Reactivity - Cyanide			ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Reactivity-Sulfide			mg/kg				mg/kg				mg/kg				mg/kg			
Dilution Factor			1				1				1				1			
Reactivity - Sulfide			24.0	U	NT		16.0	U	NT		ND	U	NT		16.0	U	NT	
TCLP Extraction for METALS EPA 1311			N/A				N/A				N/A				N/A			
Dilution Factor			1				1				1				1			
TCLP Extraction			Completed		NT		Completed		NT		Completed		NT		Completed		NT	
Total Solids			%				%				%				%			
Dilution Factor			1				1				1				1			
% Solids		solids	92		86.7		81.7		76.2		70.2		77		75.9		80.8	

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

B=analyte found in the analysis batch blank

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

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

~this indicates that no regulatory limit has been established for this analyte

TABLE 5
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPA3 (0-12 ft)

Sample ID		NYSDEC Part 375	A3 (0-3) Comp		A3 (0-3) Grab		A3 (3-6) Comp		A3 (3-6) Grab		A3 (6-9) Comp		A3 (6-9) Grab		A3 (9-12) Comp		A3 (9-12) Grab
York ID		Unrestricted Use	14K0837-01		14K0837-02		14K0837-03		14K0837-04		14K0837-05		14K0837-06		14K0837-07		14K0837-08
Sampling Date		Soil Cleanup	11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00
Client Matrix	Compound	Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result
	CAS Number		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg
Total Petroleum Hydrocarbons-GRO (C5-C10)		~	100		NT		100		NT		100		NT		100		NT
Dilution Factor		~	NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT
Total Petroleum Hydrocarbons-GRO		~	NT		NT		NT		NT		NT		NT		NT		NT
Volatile Organics, NJDEP/TCL/Part 375 List		µg/kg			µg/kg				µg/kg				µg/kg				µg/kg
Dilution Factor		~	1		1		1		1		1		1		1		1
1,1,1,2-Tetrachloroethane	630-20-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
1,1,1-Trichloroethane	71-55-6	680	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
1,1,2,2-Tetrachloroethane	79-34-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
1,1,2-Trichloroethane	79-00-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
1,1-Dichloroethane	75-34-3	270	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
1,1-Dichloroethylene	75-35-4	330	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
1,2,4-Trichlorobenzene	120-82-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
1,2,4-Trimethylbenzene	95-63-6	3600	NT		140	U	NT		ND	U	NT		4900	U	NT		ND
1,2-Dibromo-3-chloropropane	96-12-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
1,2-Dibromoethane	106-93-4	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
1,2-Dichlorobenzene	95-50-1	1100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
1,2-Dichloroethane	107-06-2	20	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
1,2-Dichloroethane-d4	~	~	NT		32.1		NT		51.2		NT		50.0		NT		51.7
1,2-Dichloropropane	78-87-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
1,3,5-Trimethylbenzene	108-67-8	8400	NT		62	U	NT		ND	U	NT		ND	U	NT		ND
1,3-Dichlorobenzene	541-73-1	2400	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
1,4-Dichlorobenzene	106-46-7	1800	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
1,4-Dioxane	123-91-1	100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
2-Butanone	78-93-3	120	NT		6.9	U	NT		ND	U	NT		ND	U	NT		ND
2-Hexanone	591-78-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
4-Methyl-2-pentanone	108-10-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Acetone	67-64-1	50	NT		26	J	NT		ND	U	NT		3500	J	NT		ND
Acrolein	107-02-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Acrylonitrile	107-13-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Benzene	71-43-2	60	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Bromodichloromethane	75-27-4	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Bromoform	75-25-2	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Bromomethane	74-83-9	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Carbon disulfide	75-15-0	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Carbon tetrachloride	56-23-5	760	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Chlorobenzene	108-90-7	1100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Chloroethane	75-00-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Chloroform	67-66-3	370	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Chloromethane	74-87-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
cis-1,2-Dichloroethylene	156-59-2	250	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
cis-1,3-Dichloropropylene	10061-01-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Cyclohexane	~	~	NT		52		NT		ND		NT		ND		NT		ND
Dibromochloromethane	124-48-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Dibromomethane	74-95-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Dichlorodifluoromethane	75-71-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Ethyl Benzene	100-41-4	1000	NT		58	U	NT		ND	U	NT		ND	U	NT		ND
Hexachlorobutadiene	87-68-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Isopropylbenzene	98-82-8	~	NT		42	U	NT		ND	U	NT		ND	U	NT		ND
Methylcyclohexane	~	~	NT		260		NT		ND		NT		ND		NT		1100
Methyl acetate	79-20-9	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Methyl tert-butyl ether (MTBE)	1634-04-4	930	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Methylene chloride	75-09-2	50	NT		ND	J	NT		ND	J	NT		ND	J	NT		ND
n-Butylbenzene	104-51-8	12000	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
n-Propylbenzene	103-65-1	3900	NT		59	U	NT		2000	U	NT		ND	U	NT		ND
p-Bromofluorobenzene	~	~	NT		42.9	U	NT		49.7		NT		44.7		NT		46.1
o-Xylene	95-47-6	~	NT		55	U	NT		ND	U	NT		ND	U	NT		ND
p- & m- Xylenes	179601-23-1	~	NT		110	U	NT		ND	U	NT		ND	U	NT		ND
p-Isopropyltoluene	99-87-6	~	NT		8.9	U	NT		ND	U	NT		ND	U	NT		ND
sec-Butylbenzene	135-98-8	11000	NT		69	U	NT		2900	U	NT		2000	U	NT		1900
Styrene	100-42-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
tert-Butyl alcohol (TBA)	75-65-0	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
tert-Butylbenzene	98-06-6	5900	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Tetrachloroethylene	127-18-4	1300	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Toluene	108-88-3	700	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Toluene-d8	~	~	NT		61.7	U	NT		53.9		NT		46.5		NT		50.7
trans-1,2-Dichloroethylene	156-60-5	190	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
trans-1,3-Dichloropropylene	10061-02-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Trichloroethylene	79-01-6	470	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Trichlorofluoromethane	75-69-4	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Vinyl Chloride	75-01-4	20	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND
Xylenes, Total	1330-20-7	260	NT		160	U	NT		ND	U	NT		ND	U	NT		ND

TABLE 5
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPA3 (0-12 ft)

Sample ID		NYSDEC Part 375	A3 (0-3) Comp		A3 (0-3) Grab		A3 (3-6) Comp		A3 (3-6) Grab		A3 (6-9) Comp		A3 (6-9) Grab		A3 (9-12) Comp		A3 (9-12) Grab
York ID		Unrestricted Use	14K0837-01		14K0837-02		14K0837-03		14K0837-04		14K0837-05		14K0837-06		14K0837-07		14K0837-08
Sampling Date		Soil Cleanup	11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00
Client Matrix		Objectives	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result
Semi-Volatiles, NJDEP/TCL/Part 375 List		µg/kg	µg/kg				µg/kg				µg/kg				µg/kg		
Dilution Factor			1				1				1				2		
1,1'-Biphenyl	92-52-4	~	ND	U	NT		ND	U	NT		ND	U	NT		1420	U	NT
1,2,4-Trichlorobenzene	120-82-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
1,2-Dichlorobenzene	95-50-1	1100	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
1,3-Dichlorobenzene	541-73-1	2400	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
1,4-Dichlorobenzene	106-46-7	1800	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
2,4,5-Trichlorophenol	95-95-4	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
2,4,6-Trichlorophenol	88-06-2	~	34.8	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
2,4,6-Tribromophenol		~	2070	U	NT		788	U	NT		1740	U	NT		5000	U	NT
2,4-Dichlorophenol	120-83-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
2,4-Dimethylphenol	105-67-9	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
2,4-Dinitrophenol	51-28-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
2,4-Dinitrotoluene	121-14-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
2,6-Dinitrotoluene	606-20-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
2-Chloronaphthalene	91-58-7	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
2-Chlorophenol	95-57-8	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
2-Fluorophenol		~	2600	U	NT		1670	U	NT		2410	U	NT		3710	U	NT
2-Fluorobiphenyl		~	1590	U	NT		1400	U	NT		1920	U	NT		3540	U	NT
2-Methylnaphthalene	91-57-6	~	268	U	NT		199	U	NT		20300	U	NT		6140	U	NT
2-Methylphenol	95-48-7	330	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
2-Nitroaniline	88-74-4	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
2-Nitrophenol	88-75-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
3- & 4-Methylphenols	65794-96-9	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
3,3'-Dichlorobenzidine	91-94-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
3-Nitroaniline	99-09-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
4,6-Dinitro-2-methylphenol	534-52-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
4-Bromophenyl phenyl ether	101-55-3	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
4-Chloroaniline	106-47-8	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
4-Chlorophenyl phenyl ether	7005-72-3	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
4-Nitroaniline	100-01-6	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
4-Nitrophenol	100-02-7	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Acenaphthene	83-32-9	20000	229	U	NT		348	U	NT		ND	U	NT		ND	U	NT
Acenaphthylene	208-96-8	100000	310	J	NT		371	U	NT		ND	U	NT		ND	U	NT
Acetophenone	98-86-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Anthracene	120-12-7	100000	493	U	NT		1070	U	NT		657	U	NT		487	JD	NT
Atrazine	1912-24-9	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Benzaldehyde	100-52-7	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Benzidine	92-87-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Benzo(a)anthracene	56-55-3	1000	1590	J	NT		3090	J	NT		1170	U	NT		478	D	NT
Benzo(a)pyrene	50-32-8	1000	624	J	NT		1480	J	NT		386	J	NT		ND	D	NT
Benzo(b)fluoranthene	205-99-2	1000	791	J	NT		1430	J	NT		377	J	NT		ND	D	NT
Benzo(g,h,i)perylene	191-24-2	100000	737	J	NT		864	U	NT		214	U	NT		ND	JD	NT
Benzo(k)fluoranthene	207-08-9	800	618	J	NT		1610	J	NT		454	J	NT		ND	D	NT
Benzoic acid	65-85-0	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Benzyl butyl phthalate	85-68-7	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Bis(2-chloroethoxy)methane	111-91-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Bis(2-chloroethyl)ether	111-44-4	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Bis(2-chloroisopropyl)ether	108-60-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Bis(2-ethylhexyl)phthalate	117-81-7	~	ND	U	NT		180	U	NT		ND	U	NT		ND	U	NT
Caprolactam	105-60-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Carbazole	86-74-8	~	231	U	NT		332	U	NT		233	U	NT		ND	U	NT
Chrysene	218-01-9	1000	1460	J	NT		3810	J	NT		1300	U	NT		ND	D	NT
Cyclohexane		~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Dibenzo(a,h)anthracene		~	302	U	NT		452	U	NT		ND	U	NT		ND	U	NT
Dibenzofuran	132-64-9	7000	ND	U	NT		268	U	NT		ND	U	NT		ND	U	NT
Diethyl phthalate	84-66-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Dimethyl phthalate	131-11-3	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Di-n-butyl phthalate	84-74-2	~	53.6	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Di-n-octyl phthalate	117-84-0	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Fluoranthene	206-44-0	100000	3230	U	NT		7070	J	NT		2890	U	NT		ND	D	NT
Fluorene	86-73-7	30000	252	U	NT		489	U	NT		ND	U	NT		ND	U	NT
Hexachlorobenzene	118-74-1	330	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Hexachlorobutadiene	87-68-3	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Hexachlorocyclopentadiene	77-47-4	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Hexachloroethane	67-72-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Indeno[1,2,3-cd]pyrene	193-39-5	500	625	J	NT		923	U	NT		231	J	NT		ND	JD	NT
Isophorone	78-59-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Naphthalene	91-20-3	12000	335	U	NT		ND	U	NT		13900	U	NT		6130	U	NT
Nitrobenzene	98-95-3	~	ND	U	NT		190	U	NT		2890	U	NT		ND	U	NT
Nitrobenzene-d5		~	2280	U	NT		1040	U	NT		967	U	NT		7870	U	NT
N-Nitrosodimethylamine	62-75-9	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
N-nitroso-di-n-propylamine	621-64-7	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
N-Nitrosodiphenylamine	86-30-6	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Pentachlorophenol	87-86-5	800	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Phenanthrene	85-01-8	100000	2180	J	NT		4620	J	NT		3090	J	NT		2090	D	NT
Phenol	108-95-2	330	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT
Phenol-d5		~	2850	U	NT		1900	U	NT		2530	U	NT		4080	U	NT
Pyrene	129-00-0	100000	3360	U	NT		7170	J	NT		2920	U	NT		ND	D	NT
Terphenyl-d14		~	2260	U	NT		1370	U	NT		1840	U	NT		2660	U	NT

TABLE 5
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPA3 (0-12 ft)

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	A3 (0-3) Comp 14K0837-01 11/20/2014 15:00 Soil	A3 (0-3) Grab 14K0837-02 11/20/2014 15:00 Soil	A3 (3-6) Comp 14K0837-03 11/20/2014 15:00 Soil	A3 (3-6) Grab 14K0837-04 11/20/2014 15:00 Soil	A3 (6-9) Comp 14K0837-05 11/20/2014 15:00 Soil	A3 (6-9) Grab 14K0837-06 11/20/2014 15:00 Soil	A3 (9-12) Comp 14K0837-07 11/20/2014 15:00 Soil	A3 (9-12) Grab 14K0837-08 11/20/2014 15:00 Soil
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q
Total Petroleum Hydrocarbons-DRO (C10-C28)										
Dilution Factor			mg/kg 1				mg/kg 1			
Total Petroleum Hydrocarbons-DRO		~	NT		NT		NT		NT	
Herbicides, NJDEP/TCL/Part 375 List										
Dilution Factor		mg/Kg	mg/kg 1				mg/kg 1			
2,4,5-T	93-76-5	~	NT	U	NT		NT	U	NT	
2,4,5-TP (Silvex)	93-72-1	3.8	NT	U	NT		NT	U	NT	
2,4-D	94-75-7	~	NT	U	NT		NT	U	NT	
Pesticides, NJDEP/TCL/Part 375 List										
Dilution Factor		µg/Kg	µg/kg 5				µg/kg 5			
4,4'-DDD	72-54-8	3.3	ND	U	NT		ND	U	NT	
4,4'-DDE	72-55-9	3.3	ND	U	NT		ND	U	NT	
4,4'-DDT	50-29-3	3.3	ND	U	NT		ND	U	NT	
Aldrin	309-00-2	5	ND	U	NT		ND	U	NT	
alpha-BHC	319-84-6	20	ND	U	NT		ND	U	NT	
alpha-Chlordane	5103-71-9	94	ND	U	NT		ND	U	NT	
beta-BHC	319-85-7	36	ND	U	NT		ND	U	NT	
Chlordane, total	57-74-9	~	ND	U	NT		ND	U	NT	
Decachlorodibiphenyl		~	56.4	U	NT		68.1	U	NT	
delta-BHC	319-86-8	40	ND	U	NT		ND	U	NT	
Dieldrin	60-57-1	5	ND	U	NT		ND	U	NT	
Endosulfan I	959-98-8	2400	ND	U	NT		ND	U	NT	
Endosulfan II	33213-65-9	2400	ND	U	NT		ND	U	NT	
Endosulfan sulfate	1031-07-8	2400	ND	U	NT		ND	U	NT	
Endrin	72-20-8	14	ND	U	NT		ND	U	NT	
Endrin aldehyde	7421-93-4	~	ND	U	NT		ND	U	NT	
Endrin ketone	53494-70-5	~	ND	U	NT		ND	U	NT	
gamma-BHC (Lindane)	58-89-9	100	ND	U	NT		ND	U	NT	
gamma-Chlordane	5103-74-2	~	ND	U	NT		ND	U	NT	
Heptachlor	76-44-8	42	ND	U	NT		ND	U	NT	
Heptachlor epoxide	1024-57-3	~	ND	U	NT		ND	U	NT	
Methoxychlor	72-43-5	~	ND	U	NT		ND	U	NT	
Toxaphene	8001-35-2	~	ND	U	NT		63.6	U	NT	
Tetrachloro-m-xylene		~	43.3	U	NT		51.8	U	NT	
Polychlorinated Biphenyls (PCB)										
Dilution Factor		µg/Kg	µg/kg 1				µg/kg 1			
Aroclor 1016	12674-11-2	~	ND	U	NT		ND	U	NT	
Aroclor 1221	11104-28-2	~	ND	U	NT		ND	U	NT	
Aroclor 1232	11141-16-5	~	ND	U	NT		ND	U	NT	
Aroclor 1242	53469-21-9	~	ND	U	NT		ND	U	NT	
Aroclor 1248	12672-29-6	~	ND	U	NT		ND	U	NT	
Aroclor 1254	11097-69-1	~	ND	U	NT		ND	U	NT	
Aroclor 1260	11096-82-5	~	ND	U	NT		ND	U	NT	
Total PCBs	1336-36-3	100	ND	U	NT		ND	U	NT	
Metals, Target Analyte										
Dilution Factor		mg/Kg	mg/kg 1				mg/kg 1			
Aluminum	7429-90-5	~	5510		NT		6740		NT	
Antimony	7440-36-0	~	1.72		NT		1.06	U	NT	
Arsenic	7440-38-2	13	65.6		NT		24.5		NT	
Barium	7440-39-3	350	204		NT		170		NT	
Beryllium	7440-41-7	7.2	ND	U	NT		ND	U	NT	
Cadmium	7440-43-9	2.5	1.11	U	NT		ND	U	NT	
Calcium	7440-70-2	~	22700		NT		27300		NT	
Chromium	7440-47-3	~	17.3		NT		19.1		NT	
Cobalt	7440-48-4	~	8.49		NT		7.90		NT	
Copper	7440-50-8	50	116		NT		112		NT	
Iron	7439-89-6	~	29800		NT		37700		NT	
Lead	7439-92-1	63	757		NT		836		NT	
Magnesium	7439-95-4	~	4780		NT		3370		NT	
Manganese	7439-96-5	1600	290		NT		358		NT	
Nickel	7440-02-0	30	25.4		NT		13.8		NT	
Potassium	7440-09-7	~	987		NT		932		NT	
Selenium	7782-49-2	3.9	3.92		NT		4.41		NT	
Silver	7440-22-4	2	ND	U	NT		ND	U	NT	
Sodium	7440-23-5	~	188		NT		155		NT	
Thallium	7440-28-0	~	ND	U	NT		ND	U	NT	
Vanadium	7440-62-2	~	29.6		NT		26.2		NT	
Zinc	7440-66-6	109	596		NT		228		NT	
Metals, TCLP RCRA										
Dilution Factor		mg/Kg	mg/L 1				mg/L 1			
Arsenic	7440-38-2	5	ND	U	NT		0.184	U	NT	
Barium	7440-39-3	100	0.890		NT		0.621		NT	
Cadmium	7440-43-9	1	0.010	U	NT		ND	U	NT	
Chromium	7440-47-3	5	ND		NT		ND	U	NT	
Lead	7439-92-1	5	1.17		NT		0.845		NT	
Selenium	7782-49-2	1	ND	U	NT		ND	U	NT	
Silver	7440-22-4	5	ND	U	NT		ND	U	NT	
Mercury by 7473										
Dilution Factor		mg/Kg	mg/kg 1				mg/kg 1			
Mercury	7439-97-6	0.18	0.615		NT		0.636		NT	
Mercury, TCLP										
Dilution Factor		mg/L	mg/L 1				mg/L 1			
Mercury	7439-97-6	0.2	ND	U	NT		ND	U	NT	

TABLE 5
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPA3 (0-12 ft)

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	A3 (0-3) Comp 14K0837-01 11/20/2014 15:00 Soil		A3 (0-3) Grab 14K0837-02 11/20/2014 15:00 Soil		A3 (3-6) Comp 14K0837-03 11/20/2014 15:00 Soil		A3 (3-6) Grab 14K0837-04 11/20/2014 15:00 Soil		A3 (6-9) Comp 14K0837-05 11/20/2014 15:00 Soil		A3 (6-9) Grab 14K0837-06 11/20/2014 15:00 Soil		A3 (9-12) Comp 14K0837-07 11/20/2014 15:00 Soil		A3 (9-12) Grab 14K0837-08 11/20/2014 15:00 Soil	
Compound	CAS Number		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Corrosivity			pH units				pH units				pH units				pH units			
Dilution Factor			1				1				1				1			
pH		~	8.43		NT		8.61		NT		8.49		NT		7.76		NT	
Ignitability			-				-				-				-			
Dilution Factor			1				1				1				1			
Ignitability		~	Non-Ignit.		NT		Non-Ignit.		NT		Non-Ignit.		NT		Non-Ignit.		NT	
Paint Filter Test			-				-				-				-			
Dilution Factor			1				1				1				1			
Paint Filter Test		~	No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT	
Reactivity-Cyanide			mg/kg				mg/kg				mg/kg				mg/kg			
Dilution Factor			1				1				1				1			
Reactivity - Cyanide		~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Reactivity-Sulfide			mg/kg				mg/kg				mg/kg				mg/kg			
Dilution Factor			1				1				1				1			
Reactivity - Sulfide		~	ND	U	NT		16.0	U	NT		ND	U	NT		24	U	NT	
TCLP Extraction for METALS EPA 1311			N/A				N/A				N/A				N/A			
Dilution Factor			1				1				1				1			
TCLP Extraction		~	Completed		NT		Completed		NT		Completed		NT		Completed		NT	
Total Solids			%				%				%				%			
Dilution Factor			1				1				1				1			
% Solids	solids	~	86.6		82.2		81.4		78.8		70.8		80.2		73.2		85.5	

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

B=analyte found in the analysis batch blank

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

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

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

TABLE 6
25 Kent Avenue
Bronx, NY
Waste Characterization Results, TPB1 (0-15 ft)

Sample ID			B1 (0-3) Comp		B1 (0-3) Grab		B1 (3-6) Comp		B1 (3-6) Grab		B1 (6-9) Comp		B1 (6-9) Grab		B1 (9-12) Comp		B1 (9-12) Grab		B1 (12-15) Comp		B1 (12-15) Grab	
York ID			14K0838-01		14K0838-02		14K0838-03		14K0838-04		14K0838-05		14K0838-06		14K0838-07		14K0838-08		14K0838-09		14K0838-10	
Sampling Date			11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00	
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number	Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Total Petroleum Hydrocarbons-GRO (C5-C10)			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor			100		100		100		100		100		100		100		101		101			
Total Petroleum Hydrocarbons-GRO		~	NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT	
Volatile Organics, NIDEF/TCL/Part 375 List			µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Dilution Factor			1		1		1		1		1		1		1		1		1		2	
1,1,1,2-Tetrachloroethane	630-20-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,1-Trichloroethane	71-55-6	680	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,2,2-Tetrachloroethane	79-34-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,2-Trichloroethane	79-00-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1-Dichloroethane	75-34-3	270	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1-Dichloroethylene	75-35-4	330	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2,4-Trichlorobenzene	120-82-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2,4-Trimethylbenzene	95-63-6	3600	NT		ND	U	NT		130000	U	NT		1300	U	NT		780	U	NT		150	U
1,2-Dibromo-3-chloropropane	~	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dibromoethane	106-93-4	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dichlorobenzene	95-50-1	1100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dichloroethane	107-06-2	20	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dichloroethane-d4	~	~	NT		47.7		NT		47.2		NT		49.7		NT		37.2		NT		45.3	
1,2-Dichloropropane	78-87-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,3,5-Trimethylbenzene	108-67-8	8400	NT		ND	U	NT		33000		NT		NT		NT		260		NT		42	
1,3-Dichlorobenzene	541-73-1	2400	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,4-Dichlorobenzene	106-46-7	1800	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,4-Dioxane	123-91-1	100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
2-Butanone	78-93-3	120	NT		13		NT		ND	U	NT		ND	U	NT		16		NT		16	
2-Hexanone	591-78-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
4-Methyl-2-pentanone	108-10-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Acetone	67-64-1	50	NT		62	J	NT		ND	U	NT		ND	J	NT		59		NT		67	
Acrolein	107-02-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Acrylonitrile	107-13-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Benzene	71-43-2	60	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Bromodichloromethane	75-27-4	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Bromoform	75-25-2	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Bromomethane	74-83-9	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Carbon disulfide	75-15-0	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Carbon tetrachloride	56-23-5	760	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chlorobenzene	108-90-7	1100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chloroethane	75-00-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chloroform	67-66-3	370	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chloromethane	74-87-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
cis-1,2-Dichloroethylene	156-59-2	250	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
cis-1,3-Dichloropropylene	10061-01-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Cyclohexane	~	~	NT		ND	U	NT		29000		NT		ND	U	NT		63		NT		ND	U
Dibromochloromethane	124-48-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Dibromomethane	74-95-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Dichlorodifluoromethane	75-71-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Ethyl Benzene	100-41-4	1000	NT		ND	U	NT		ND	U	NT		ND	U	NT		9.7		NT		ND	U
Hexachlorobutadiene	87-68-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Isopropylbenzene	98-82-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		88	U	NT		9.6	U
Methylcyclohexane	~	~	NT		9.2		NT		97000		NT		970		NT		490		NT		17	
Methyl acetate	79-20-9	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Methyl tert-butyl ether (MTBE)	1634-04-4	930	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Methylene chloride	75-09-2	50	NT		ND	J	NT		ND	J	NT		ND	J	NT		ND	J	NT		ND	J
n-Butylbenzene	104-51-8	12000	NT		ND	U	NT		22000	U	NT		ND	U	NT		ND	U	NT		ND	U
n-Propylbenzene	103-65-1	3900	NT		ND	U	NT		25000	U	NT		ND	U	NT		160	U	NT		15	U
p-Bromofluorobenzene	~	~	NT		54.6		NT		48.0		NT		46.9		NT		48.9		NT		49.7	
o-Xylene	95-47-6	~	NT		ND	U	NT		4400	U	NT		ND	U	NT		61	U	NT		7.5	U
p- & m- Xylenes	179601-23-1	~	NT		ND	U	NT		14000	U	NT		ND	U	NT		110	U	NT		21	U
p-Isopropyltoluene	99-87-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		110	U	NT		12	U
sec-Butylbenzene	135-98-8	11000	NT		ND	U	NT		16000	U	NT		ND	U	NT		96	U	NT		13	U
Styrene	100-42-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
tert-Butyl alcohol (TBA)	~	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
tert-Butylbenzene	98-06-6	5900	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Tetrachloroethylene	127-18-4	1300	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Toluene	108-88-3	700	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Toluene-d8	~	~	NT		58.8		NT		49.8		NT		53.3		NT		56.4		NT		55.6	
trans-1,2-Dichloroethylene	156-60-5	190	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
trans-1,3-Dichloropropylene	10061-02-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Trichloroethylene	79-01-6	470	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Trichlorofluoromethane	~	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Vinyl Chloride	75-01-4	20	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Xylenes, Total	1330-20-7	260	NT		ND	U	NT		19000	U	NT		ND	U	NT		170	U	NT		28	U

TABLE 6
25 Kent Avenue
Bronx, NY
Waste Characterization Results, TPB1 (0-15 ft)

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup	B1 (0-3) Comp 14K0838-01 11/21/2014 15:00 Soil	B1 (0-3) Grab 14K0838-02 11/21/2014 15:00 Soil	B1 (3-6) Comp 14K0838-03 11/21/2014 15:00 Soil	B1 (3-6) Grab 14K0838-04 11/21/2014 15:00 Soil	B1 (6-9) Comp 14K0838-05 11/21/2014 15:00 Soil	B1 (6-9) Grab 14K0838-06 11/21/2014 15:00 Soil	B1 (9-12) Comp 14K0838-07 11/21/2014 15:00 Soil	B1 (9-12) Grab 14K0838-08 11/21/2014 15:00 Soil	B1 (12-15) Comp 14K0838-09 11/21/2014 15:00 Soil	B1 (12-15) Grab 14K0838-10 11/21/2014 15:00 Soil
Compound	CAS Number	Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, NJDEP/TCL/Part 375 List			µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Dilution Factor			1		1		1		2		3	
1,1'-Biphenyl	92-52-4	~	ND	U	NT		ND	U	NT		ND	U
1,2,4-Trichlorobenzene	120-82-1	~	ND	U	NT		ND	U	NT		ND	U
1,2-Dichlorobenzene	95-50-1	1100	ND	U	NT		ND	U	NT		ND	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	ND	U	NT		ND	U	NT		ND	U
1,3-Dichlorobenzene	541-73-1	2400	ND	U	NT		ND	U	NT		ND	U
1,4-Dichlorobenzene	106-46-7	1800	ND	U	NT		ND	U	NT		ND	U
2,4,5-Trichlorophenol	95-95-4	~	ND	U	NT		ND	U	NT		ND	U
2,4,6-Trichlorophenol	88-06-2	~	ND	U	NT		ND	U	NT		ND	U
2,4,6-Tribromophenol		~	2920	U	NT		2230	U	NT		644	U
2,4-Dichlorophenol	120-83-2	~	ND	U	NT		ND	U	NT		ND	U
2,4-Dimethylphenol	105-67-9	~	ND	U	NT		ND	U	NT		ND	U
2,4-Dinitrophenol	51-28-5	~	ND	U	NT		ND	U	NT		ND	U
2,4-Dinitrotoluene	121-14-2	~	ND	U	NT		ND	U	NT		ND	U
2,6-Dinitrotoluene	606-20-2	~	ND	U	NT		ND	U	NT		ND	U
2-Chloronaphthalene	91-58-7	~	ND	U	NT		ND	U	NT		ND	U
2-Chlorophenol	95-57-8	~	ND	U	NT		ND	U	NT		ND	U
2-Fluorophenol		~	3030	U	NT		2330	U	NT		479	U
2-Fluorobiphenyl		~	2350	U	NT		1920	U	NT		499	U
2-Methylnaphthalene	91-57-6	~	1090	U	NT		20100	U	NT		610	U
2-Methylphenol	95-48-7	330	ND	U	NT		ND	U	NT		ND	U
2-Nitroaniline	88-74-4	~	ND	U	NT		ND	U	NT		ND	U
2-Nitrophenol	88-75-5	~	ND	U	NT		ND	U	NT		ND	U
3- & 4-Methylphenols	65794-96-9	~	ND	U	NT		ND	U	NT		ND	U
3,3'-Dichlorobenzidine	91-94-1	~	ND	U	NT		ND	U	NT		ND	U
3-Nitroaniline	99-09-2	~	ND	U	NT		ND	U	NT		ND	U
4,6-Dinitro-2-methylphenol	534-52-1	~	ND	U	NT		ND	U	NT		ND	U
4-Bromophenyl phenyl ether	101-55-3	~	ND	U	NT		ND	U	NT		ND	U
4-Chloroaniline	106-47-8	~	ND	U	NT		ND	U	NT		ND	U
4-Chlorophenyl phenyl ether	7005-72-3	~	ND	U	NT		ND	U	NT		ND	U
4-Nitroaniline	100-01-6	~	ND	U	NT		ND	U	NT		ND	U
4-Nitrophenol	100-02-7	~	ND	U	NT		ND	U	NT		ND	U
Acenaphthene	83-32-9	20000	4810	U	NT		ND	U	NT		ND	U
Acenaphthylene	208-96-8	100000	310	J	NT		ND	U	NT		ND	U
Acetophenone	98-86-2	~	ND	U	NT		ND	U	NT		ND	U
Anthracene	120-12-7	100000	12500	U	NT		ND	U	NT		ND	U
Atrazine	1912-24-9	~	ND	U	NT		ND	U	NT		ND	U
Benzaldehyde	100-52-7	~	ND	U	NT		ND	U	NT		ND	U
Benzidine	92-87-5	~	ND	U	NT		ND	U	NT		ND	U
Benzo(a)anthracene	56-55-3	1000	29200	J	NT		93.1	U	NT		ND	U
Benzo(a)pyrene	50-32-8	1000	13600	J	NT		ND	J	NT		ND	U
Benzo(b)fluoranthene	205-99-2	1000	12100	J	NT		ND	J	NT		ND	U
Benzo(g,h,i)perylene	191-24-2	100000	6290	J	NT		ND	U	NT		ND	U
Benzo(k)fluoranthene	207-08-9	800	13100	J	NT		ND	J	NT		ND	U
Benzoic acid	65-85-0	~	ND	U	NT		ND	U	NT		ND	U
Benzyl butyl phthalate	85-68-7	~	ND	U	NT		ND	U	NT		ND	U
Bis(2-chloroethoxy)methane	111-91-1	~	ND	U	NT		ND	U	NT		ND	U
Bis(2-chloroethyl)ether	111-44-4	~	ND	U	NT		ND	U	NT		ND	U
Bis(2-chloroisopropyl)ether	108-60-1	~	ND	U	NT		ND	U	NT		ND	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	ND	U	NT		ND	U	NT		ND	U
Caprolactam	105-60-2	~	ND	U	NT		ND	U	NT		ND	U
Carbazole	86-74-8	~	2280	U	NT		ND	U	NT		ND	U
Chrysene	218-01-9	1000	20700	J	NT		ND	J	NT		ND	U
Cyclohexane	~	~	ND	U	NT		ND	U	NT		ND	U
Dibenzo(a,h)anthracene	~	~	3770	U	NT		ND	U	NT		ND	U
Dibenzofuran	132-64-9	7000	2720	U	NT		ND	U	NT		ND	U
Diethyl phthalate	84-66-2	~	ND	U	NT		ND	U	NT		ND	U
Dimethyl phthalate	131-11-3	~	ND	U	NT		ND	U	NT		ND	U
Di-n-butyl phthalate	84-74-2	~	ND	U	NT		ND	U	NT		ND	U
Di-n-octyl phthalate	117-84-0	~	ND	U	NT		ND	U	NT		ND	U
Fluoranthene	206-44-0	100000	55400	U	NT		ND	J	NT		ND	U
Fluorene	86-73-7	30000	6410	U	NT		ND	U	NT		ND	U
Hexachlorobenzene	118-74-1	330	ND	U	NT		ND	U	NT		ND	U
Hexachlorobutadiene	87-68-3	~	ND	U	NT		ND	U	NT		ND	U
Hexachlorocyclopentadiene	77-47-4	~	ND	U	NT		ND	U	NT		ND	U
Hexachloroethane	67-72-1	~	ND	U	NT		ND	U	NT		ND	U
Indeno(1,2,3-cd)pyrene	193-39-5	500	6200	J	NT		ND	U	NT		ND	U
Isophorone	78-59-1	~	ND	U	NT		ND	U	NT		ND	U
Naphthalene	91-20-3	12000	ND	U	NT		ND	U	NT		ND	U
Nitrobenzene	98-95-3	~	ND	U	NT		ND	U	NT		ND	U
Nitrobenzene-d5	~	~	3980	U	NT		9910	U	NT		702	U
N-Nitrosodimethylamine	62-75-9	~	ND	U	NT		ND	U	NT		ND	U
N-nitroso-di-n-propylamine	621-64-7	~	ND	U	NT		ND	U	NT		ND	U
N-Nitrosodiphenylamine	86-30-6	~	ND	U	NT		ND	U	NT		ND	U
Pentachlorophenol	87-86-5	800	ND	U	NT		ND	U	NT		ND	U
Phenanthrene	85-01-8	100000	54900	J	NT		ND	J	NT		ND	U
Phenol	108-95-2	330	ND	U	NT		ND	U	NT		ND	U
Phenol-d5	~	~	3250	U	NT		2160	U	NT		660	U
Pyrene	129-00-0	100000	53800	U	NT		ND	U	NT		ND	U
Terphenyl-d14	~	~	2230	U	NT		1650	U	NT		579	U

TABLE 6
25 Kent Avenue
Bronx, NY
Waste Characterization Results, TPB1 (0-15 ft)

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup	B1 (0-3) Comp 14K0838-01 11/21/2014 15:00 Soil		B1 (0-3) Grab 14K0838-02 11/21/2014 15:00 Soil		B1 (3-6) Comp 14K0838-03 11/21/2014 15:00 Soil		B1 (3-6) Grab 14K0838-04 11/21/2014 15:00 Soil		B1 (6-9) Comp 14K0838-05 11/21/2014 15:00 Soil		B1 (6-9) Grab 14K0838-06 11/21/2014 15:00 Soil		B1 (9-12) Comp 14K0838-07 11/21/2014 15:00 Soil		B1 (9-12) Grab 14K0838-08 11/21/2014 15:00 Soil		B1 (12-15) Comp 14K0838-09 11/21/2014 15:00 Soil		B1 (12-15) Grab 14K0838-10 11/21/2014 15:00 Soil		
Compound	CAS Number	Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Total Petroleum Hydrocarbons-DRO (C10-C28)																							
Dilution Factor			mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1				
Total Petroleum Hydrocarbons-DRO		~	NT		NT		NT		NT		NT		NT		NT	U	NT		NT	U	NT		
Herbicides, NJDEP/TCL/Part 375 List																							
Dilution Factor		mg/Kg	mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1				
2,4,5-T	93-76-5	~	NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		
2,4,5-TP (Silvex)	93-72-1	3.8	NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		
2,4-D	94-75-7	~	NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		
Pesticides, NJDEP/TCL/Part 375 List																							
Dilution Factor		µg/Kg	µg/kg 5				µg/kg 5				µg/kg 5				µg/kg 5				µg/kg 5				
4,4'-DDD	72-54-8	3.3	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
4,4'-DDE	72-55-9	3.3	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
4,4'-DDT	50-29-3	3.3	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Aldrin	309-00-2	5	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
alpha-BHC	319-84-6	20	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
alpha-Chlordane	5103-71-9	94	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
beta-BHC	319-85-7	36	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Chlordane, total	57-74-9	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Decachlorodibiphenyl		~	51.6	U	NT		51.3	U	NT		64.2	U	NT		60.2	U	NT		59.5	U	NT		
delta-BHC	319-86-8	40	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Dieldrin	60-57-1	5	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Endosulfan I	959-98-8	2400	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Endosulfan II	33213-65-9	2400	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Endosulfan sulfate	1031-07-8	2400	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Endrin	72-20-8	14	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Endrin aldehyde	7421-93-4	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Endrin ketone	53494-70-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
gamma-BHC (Lindane)	58-89-9	100	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
gamma-Chlordane	5103-74-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Heptachlor	76-44-8	42	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Heptachlor epoxide	1024-57-3	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Methoxychlor	72-43-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Toxaphene	8001-35-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Tetrachloro-m-xylene		~	38.9	U	NT		44.3	U	NT		50.6	U	NT		43.4	U	NT		45.3	U	NT		
Polychlorinated Biphenyls (PCB)																							
Dilution Factor		µg/Kg	µg/kg 1				µg/kg 1				µg/kg 1				µg/kg 1				µg/kg 1				
Aroclor 1016	12674-11-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Aroclor 1221	11104-28-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Aroclor 1232	11141-16-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Aroclor 1242	53469-21-9	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Aroclor 1248	12672-29-6	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Aroclor 1254	11097-69-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Aroclor 1260	11096-82-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Total PCBs	1336-36-3	100	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Metals, Target Analyte																							
Dilution Factor		mg/Kg	mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1				
Aluminum	7429-90-5	~	5390		NT		3060		NT		8440		NT		7030		NT		8280		NT		
Antimony	7440-36-0	~	4.58		NT		5.73	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Arsenic	7440-38-2	13	20.3		NT		39.9		NT		19.1		NT		3.41		NT		7.67		NT		
Barium	7440-39-3	350	226		NT		54.8		NT		72.5		NT		48.6		NT		52.9		NT		
Beryllium	7440-41-7	7.2	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Cadmium	7440-43-9	2.5	0.877	U	NT		1.36	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Calcium	7440-70-2	~	13800		NT		5570		NT		1720		NT		1200		NT		845		NT		
Chromium	7440-47-3	~	16.4		NT		5.97		NT		26.0		NT		15.1		NT		14.6		NT		
Cobalt	7440-48-4	~	7.05		NT		19.8		NT		11.4		NT		8.57		NT		8.8		NT		
Copper	7440-50-8	50	107		NT		106		NT		25.6		NT		17.0		NT		16.3		NT		
Iron	7439-89-6	~	30400		NT		13800		NT		34600		NT		19100		NT		16600		NT		
Lead	7439-92-1	63	979		NT		660		NT		36.8		NT		19.7		NT		11.9		NT		
Magnesium	7439-95-4	~	3190		NT		713		NT		2870		NT		2340		NT		2250		NT		
Manganese	7439-96-5	1600	224		NT		98.5		NT		278		NT		457		NT		315		NT		
Nickel	7440-02-0	30	13.8		NT		23.8		NT		10.3		NT		10.9		NT		12.5		NT		
Potassium	7440-09-7	~	994		NT		567		NT		1600		NT		1350		NT		1120		NT		
Selenium	7782-49-2	3.9	4.81		NT		3.32		NT		3.92		NT		3.04		NT		3.39		NT		
Silver	7440-22-4	2	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Sodium	7440-23-5	~	578		NT		170		NT		157		NT		256		NT		318		NT		
Thallium	7440-28-0	~	ND	U	NT		5.81	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Vanadium	7440-62-2	~	23.5		NT		15.1		NT		48.3		NT		25.5		NT		27		NT		
Zinc	7440-66-6	109	622		NT		467		NT		77.7		NT		53.5		NT		51.3		NT		
Metals, TCLP RCRA																							
Dilution Factor		mg/Kg	mg/L 1				mg/L 1				mg/L 1				mg/L 1				mg/L 1				
Arsenic	7440-38-2	13	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Barium	7440-39-3	350	1.19		NT		0.479		NT		0.554		NT		0.477		NT		0.506		NT		
Cadmium	7440-43-9	2.5	0.011	U	NT		ND	U	NT														

TABLE 6
25 Kent Avenue
Bronx, NY
Waste Characterization Results, TPB1 (0-15 ft)

Sample ID			B1 (0-3) Comp 14K0838-01 11/21/2014 15:00 Soil		B1 (0-3) Grab 14K0838-02 11/21/2014 15:00 Soil		B1 (3-6) Comp 14K0838-03 11/21/2014 15:00 Soil		B1 (3-6) Grab 14K0838-04 11/21/2014 15:00 Soil		B1 (6-9) Comp 14K0838-05 11/21/2014 15:00 Soil		B1 (6-9) Grab 14K0838-06 11/21/2014 15:00 Soil		B1 (9-12) Comp 14K0838-07 11/21/2014 15:00 Soil		B1 (9-12) Grab 14K0838-08 11/21/2014 15:00 Soil		B1 (12-15) Comp 14K0838-09 11/21/2014 15:00 Soil		B1 (12-15) Grab 14K0838-10 11/21/2014 15:00 Soil	
Compound	CAS Number	Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Corrosivity			pH units				pH units				pH units				pH units				pH units			
Dilution Factor			1				1				1				1				1			
pH		~	9.19		NT		8.45		NT		8.59		NT		7.99		NT		8.19		NT	
Ignitability			-				-				-				-				-			
Dilution Factor			1				1				1				1				1			
Ignitability		~	Non-ignit.		NT		Non-ignit.		NT		Non-ignit.		NT		Non-ignit.		NT		Non-ignit.		NT	
Paint Filter Test			-				-				-				-				-			
Dilution Factor			1				1				1				1				1			
Paint Filter Test		~	No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT	
Reactivity-Cyanide			mg/kg				mg/kg				mg/kg				mg/kg				mg/kg			
Dilution Factor			1				1				1				1				1			
Reactivity - Cyanide		~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Reactivity-Sulfide			mg/kg				mg/kg				mg/kg				mg/kg				mg/kg			
Dilution Factor			1				1				1				1				1			
Reactivity - Sulfide		~	24	U	NT		16.0	U	NT		16	U	NT		16	U	NT		16	U	NT	
TCPL Extraction for METALS EPA 1311			N/A				N/A				N/A				N/A				N/A			
Dilution Factor			1				1				1				1				1			
TCPL Extraction		~	Completed		NT		Completed		NT		Completed		NT		Completed		NT		Completed		NT	
Total Solids			%				%				%				%				%			
Dilution Factor			1				1				1				1				1			
% Solids	solids	~	87.5		89.2		80.7		79.7		81.7		87.1		86.9		87.1		89.9		90	

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

B=analyte found in the analysis batch blank

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

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

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

TABLE 7
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPB2 (0-15 ft)

Sample ID			B2 (0-3) Comp		B2 (0-3) Grab		B2 (3-6) Comp		B2 (3-6) Grab		B2 (6-9) Comp		B2 (6-9) Grab		B2 (9-12) Comp		B2 (9-12) Grab		B2 (12-15) Comp		B2 (12-15) Grab	
York ID		NYSDEC Part 375	14K0839-01		14K0839-02		14K0839-03		14K0839-04		14K0839-05		14K0839-06		14K0839-07		14K0839-08		14K0839-09		14K0839-10	
Sampling Date		Unrestricted Use	11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00		11/20/2014 15:00	
Client Matrix		Soil Cleanup	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number	Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Total Petroleum Hydrocarbons-GRO (C5-C10)			mg/kg				mg/kg				mg/kg				mg/kg				mg/kg			
Dilution Factor			100				100				100				100				101			
Total Petroleum Hydrocarbons-GRO			NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT	
Volatile Organics, NJDEP/TCL/Part 375 List			µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Dilution Factor			1		1		1		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,1-Trichloroethane	71-55-6	680	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,2,2-Tetrachloroethane	79-34-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,2-Trichloroethane	79-00-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1-Dichloroethane	75-34-3	270	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1-Dichloroethylene	75-35-4	330	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2,4-Trichlorobenzene	120-82-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2,4-Trimethylbenzene	95-63-6	3600	NT		10	U	NT		84000	U	NT		170000	U	NT		40000	U	NT		6.7	U
1,2-Dibromo-3-chloropropane	96-12-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dibromoethane	106-93-4	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dichlorobenzene	95-50-1	1100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dichloroethane	107-06-2	20	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dichloroethane-d4	~	~	NT		47.3		NT		46.2		NT		24.0		NT		20.9		NT		47.6	
1,2-Dichloropropane	78-87-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,3,5-Trimethylbenzene	108-67-8	8400	NT		ND	U	NT		21000	U	NT		45000	U	NT		9500	U	NT		ND	U
1,3-Dichlorobenzene	541-73-1	2400	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,4-Dichlorobenzene	106-46-7	1800	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,4-Dichlorobenzene	1800				ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,4-Dioxane	123-91-1	100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
2-Butanone	78-93-3	120	NT		23	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		13	U
2-Hexanone	591-78-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
4-Methyl-2-pentanone	108-10-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Acetone	67-64-1	50	NT		94	J	NT		1200	U	NT		ND	J	NT		ND	U	NT		69	U
Acrolein	107-02-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Acrylonitrile	107-13-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Benzene	71-43-2	60	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Bromodichloromethane	75-27-4	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Bromoform	75-25-2	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Bromomethane	74-83-9	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Carbon disulfide	75-15-0	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Carbon tetrachloride	56-23-5	760	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chlorobenzene	108-90-7	1100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chloroethane	75-00-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chloroform	67-66-3	370	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chloromethane	74-87-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
cis-1,2-Dichloroethylene	156-59-2	250	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
cis-1,3-Dichloropropylene	10061-01-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Cyclohexane	~	~	NT		ND	U	NT		5500		NT		4800		NT		1800		NT		ND	
Dibromochloromethane	124-48-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Dibromomethane	74-95-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Dichlorodifluoromethane	75-71-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Ethyl Benzene	100-41-4	1000	NT		ND	U	NT		860	U	NT		2100	U	NT		3300	U	NT		ND	U
Hexachlorobutadiene	87-68-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Isopropylbenzene	98-82-8	~	NT		ND	U	NT		6600	U	NT		11000	U	NT		2200	U	NT		ND	U
Methylcyclohexane	~	~	NT		ND	U	NT		29000		NT		53000		NT		16000		NT		ND	
Methyl acetate	79-20-9	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Methyl tert-butyl ether (MTBE)	1634-04-4	930	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Methylene chloride	75-09-2	50	NT		ND	J	NT		ND	J	NT		ND	J	NT		ND	J	NT		ND	J
n-Butylbenzene	104-51-8	12000	NT		ND	U	NT		17000	U	NT		15000	U	NT		5000	U	NT		ND	U
n-Propylbenzene	103-65-1	3900	NT		ND	U	NT		12000	U	NT		20000	U	NT		4200	U	NT		ND	U
p-Bromofluorobenzene	~	~	NT		59.3	U	NT		38.0	U	NT		60.9	U	NT		42.2	U	NT		48.9	U
o-Xylene	95-47-6	~	NT		ND	U	NT		4400	U	NT		8900	U	NT		4200	U	NT		ND	U
p- & m- Xylenes	179601-23-1	~	NT		ND	U	NT		12000	U	NT		20000	U	NT		11000	U	NT		ND	U
p-Isopropyltoluene	99-87-6	~	NT		ND	U	NT		4200	U	NT		11000	U	NT		4400	U	NT		ND	U
sec-Butylbenzene	135-98-8	11000	NT		6.0	U	NT		ND	U	NT		13000	U	NT		2900	U	NT		ND	U
Styrene	100-42-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
tert-Butyl alcohol (TBA)	75-65-0	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		8.8	U
tert-Butylbenzene	98-06-6	5900	NT		ND	U	NT		ND	U	NT		2200	U	NT		ND	U	NT		ND	U
Tetrachloroethylene	127-18-4	1300	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Toluene	108-88-3	700	NT		ND	U	NT		ND	U	NT		320	U	NT		300	U	NT		ND	U
Toluene-d8	~	~	NT		53.7	U	NT		50.7	U	NT		54.8	U	NT							

TABLE 7
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPB2 (0-15 ft)

Sample ID			B2 (0-3) Comp			B2 (0-3) Grab			B2 (3-6) Comp			B2 (3-6) Grab			B2 (6-9) Comp			B2 (6-9) Grab			B2 (9-12) Comp			B2 (9-12) Grab			B2 (12-15) Comp			B2 (12-15) Grab
York ID		NYSDEC Part 375	14K0839-01			14K0839-02			14K0839-03			14K0839-04			14K0839-05			14K0839-06			14K0839-07			14K0839-08			14K0839-09			14K0839-10
Sampling Date		Unrestricted Use	11/20/2014 15:00			11/20/2014 15:00			11/20/2014 15:00			11/20/2014 15:00			11/20/2014 15:00			11/20/2014 15:00			11/20/2014 15:00			11/20/2014 15:00			11/20/2014 15:00			11/20/2014 15:00
Client Matrix		Soil Cleanup	Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil
Compound	CAS Number	Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, NJDEP/TCL/Part 375 List			µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Dilution Factor			1		1		1		1		1		1		1		1		1		1		1		1		1		1	
1,1'-Biphenyl	92-52-4	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
1,2,4-Trichlorobenzene	120-82-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
1,2-Dichlorobenzene	95-50-1	1100	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
1,3-Dichlorobenzene	541-73-1	2400	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
1,4-Dichlorobenzene	106-46-7	1800	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2,4,5-Trichlorophenol	95-95-4	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2,4,6-Trichlorophenol	88-06-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2,4,6-Tribromophenol		~	3330	U	NT		632	U	NT		1170	U	NT		1440	U	NT		967	U	NT			U	NT			U	NT	
2,4-Dichlorophenol	120-83-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2,4-Dimethylphenol	105-67-9	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2,4-Dinitrophenol	51-28-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2,4-Dinitrotoluene	121-14-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2,6-Dinitrotoluene	606-20-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2-Chloronaphthalene	91-58-7	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2-Chlorophenol	95-57-8	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2-Fluorophenol		~	2740	U	NT		981	U	NT		1750	U	NT		2180	U	NT		1040	U	NT			U	NT			U	NT	
2-Fluorobiphenyl		~	2010	U	NT		822	U	NT		1780	U	NT		1390	U	NT		719	U	NT			U	NT			U	NT	
2-Methylnaphthalene	91-57-6	~	1090	U	NT		285	U	NT		8330	U	NT		1160	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2-Methylphenol	95-48-7	330	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2-Nitroaniline	88-74-4	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2-Nitrophenol	88-75-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
3- & 4-Methylphenols	65794-96-9	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
3,3'-Dichlorobenzidine	91-94-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
3-Nitroaniline	99-09-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
4,6-Dinitro-2-methylphenol	534-52-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
4-Bromophenyl phenyl ether	101-55-3	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
4-Chloroaniline	106-47-8	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
4-Chlorophenyl phenyl ether	7005-72-3	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
4-Nitroaniline	100-01-6	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
4-Nitrophenol	100-02-7	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Acenaphthene	83-32-9	20000	276	U	NT		110	U	NT		1510	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Acenaphthylene	208-96-8	100000	202	J	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Acetophenone	98-86-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Anthracene	120-12-7	100000	905	U	NT		157	U	NT		2580	U	NT		54.2	JD	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Atrazine	1912-24-9	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Benzaldehyde	100-52-7	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Benidine	92-87-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Benzo(a)anthracene	56-55-3	1000	1310	J	NT		254	J	NT		2860	J	NT		33.2	D	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Benzo(a)pyrene	50-32-8	1000	1060	J	NT		92.3	J	NT		1850	J	NT		ND	D	NT		ND	D	NT		ND	D	NT		ND	D	NT	
Benzo(b)fluoranthene	205-99-2	1000	1290	J	NT		101	J	NT		1780	J	NT		ND	D	NT		ND	D	NT		ND	D	NT		ND	D	NT	
Benzo(g,h,i)perylene	191-24-2	100000	559	J	NT		ND	U	NT		857	J	NT		ND	JD	NT		ND	JD	NT		ND	JD	NT		ND	JD	NT	
Benzo(k)fluoranthene	207-08-9	800	952	J	NT		76.4	J	NT		1830	J	NT		ND	D	NT		ND	D	NT		ND	D	NT		ND	D	NT	
Benzoic acid	65-85-0	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Benzyl butyl phthalate	85-68-7	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Bis(2-chloroethoxy)methane	111-91-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Bis(2-chloroethyl)ether	111-44-4	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Bis(2-chloroisopropyl)ether	108-60-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Bis(2-ethylhexyl)phthalate	117-81-7	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Caprolactam	105-60-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Carbazole	86-74-8	~	142	U	NT		ND	U	NT		1250	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Chrysene	218-01-9	1000	1390	J	NT		374	J	NT		2480	J	NT		37.1	D	NT		ND	D	NT		ND	D	NT		ND	D	NT	
Cyclohexane	~	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Dibenzo(a,h)anthracene	~	~	304	U	NT		ND	U	NT		493	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Dibenzofuran	132-64-9	7000	140	U	NT		ND	U	NT		1320	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Diethyl phthalate	84-66-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Dimethyl phthalate	131-11-3	~	ND	U	NT		ND	U	NT		ND	U																		

TABLE 7
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TP82 (0-15 ft)

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup	B2 (0-3) Comp 14K0839-01 11/20/2014 15:00 Soil		B2 (0-3) Grab 14K0839-02 11/20/2014 15:00 Soil		B2 (3-6) Comp 14K0839-03 11/20/2014 15:00 Soil		B2 (3-6) Grab 14K0839-04 11/20/2014 15:00 Soil		B2 (6-9) Comp 14K0839-05 11/20/2014 15:00 Soil		B2 (6-9) Grab 14K0839-06 11/20/2014 15:00 Soil		B2 (9-12) Comp 14K0839-07 11/20/2014 15:00 Soil		B2 (9-12) Grab 14K0839-08 11/20/2014 15:00 Soil		B2 (12-15) Comp 14K0839-09 11/20/2014 15:00 Soil		B2 (12-15) Grab 14K0839-10 11/20/2014 15:00 Soil	
Compound	CAS Number	Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Total Petroleum Hydrocarbons-DRO (C10-C28)																						
Dilution Factor			mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1			
Total Petroleum Hydrocarbons-DRO																						
		~	NT		NT		NT		NT		NT		NT		NT	U	NT		NT	U	NT	
Herbicides, NJDEP/TCL/Part 375 List																						
Dilution Factor		mg/Kg	mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1			
2,4,5-T	93-76-5	~	NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT	
2,4,5-TP (Silvex)	93-72-1	3.8	NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT	
2,4-D	94-75-7	~	NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT	
Pesticides, NJDEP/TCL/Part 375 List																						
Dilution Factor		µg/Kg	µg/kg 5				µg/kg 5				µg/kg 5				µg/kg 5				µg/kg 5			
4,4'-DDD	72-54-8	3.3	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
4,4'-DDE	72-55-9	3.3	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
4,4'-DDT	50-29-3	3.3	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Aldrin	309-00-2	5	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
alpha-BHC	319-84-6	20	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
alpha-Chlordane	5103-71-9	94	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
beta-BHC	319-85-7	36	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Chlordane, total	57-74-9	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Decachlorodibiphenyl		~	34.8	U	NT		39.0	U	NT		48.2	U	NT		45.7	U	NT		51.3	U	NT	
delta-BHC	319-86-8	40	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Dieldrin	60-57-1	5	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Endosulfan I	959-98-8	2400	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Endosulfan II	33213-65-9	2400	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Endosulfan sulfate	1031-07-8	2400	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Endrin	72-20-8	14	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Endrin aldehyde	7421-93-4	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Endrin ketone	53494-70-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
gamma-BHC (Lindane)	58-89-9	100	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
gamma-Chlordane	5103-74-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Heptachlor	76-44-8	42	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Heptachlor epoxide	1024-57-3	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Methoxychlor	72-43-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Toxaphene	8001-35-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Tetrachloro-m-xylene		~	30.3	U	NT		50.3	U	NT		45.3	U	NT		16.8	U	NT		45.0	U	NT	
Polychlorinated Biphenyls (PCB)																						
Dilution Factor		µg/Kg	µg/kg 1				µg/kg 1				µg/kg 1				µg/kg 1				µg/kg 1			
Aroclor 1016	12674-11-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Aroclor 1221	11104-28-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Aroclor 1232	11141-16-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Aroclor 1242	53469-21-9	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Aroclor 1248	12672-29-6	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Aroclor 1254	11097-69-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Aroclor 1260	11096-82-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Total PCBs	1336-36-3	100	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Metals, Target Analyte																						
Dilution Factor		mg/Kg	mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1			
Aluminum	7429-90-5	~	5210		NT		7020		NT		6380		NT		6180		NT		10200		NT	
Antimony	7440-36-0	~	3.74		NT		0.883	U	NT		2.65	U	NT		ND	U	NT		ND	U	NT	
Arsenic	7440-38-2	13	19.4		NT		13.4		NT		25.4		NT		3.08		NT		2.09		NT	
Barium	7440-39-3	350	274		NT		47.4		NT		273		NT		41.3		NT		43.2		NT	
Beryllium	7440-41-7	7.2	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Cadmium	7440-43-9	2.5	2.48	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Calcium	7440-70-2	~	8780		NT		2860		NT		2460		NT		811		NT		557		NT	
Chromium	7440-47-3	~	21.3		NT		14.3		NT		16.5		NT		13.8		NT		17.9		NT	
Cobalt	7440-48-4	~	8.65		NT		8.48		NT		7.56		NT		7.35		NT		9.25		NT	
Copper	7440-50-8	50	148		NT		33.1		NT		33.6		NT		15.2		NT		15.4		NT	
Iron	7439-89-6	~	39200		NT		24500		NT		24200		NT		15000		NT		13800		NT	
Lead	7439-92-1	63	833		NT		49.1		NT		81.3		NT		8.94		NT		8.50		NT	
Magnesium	7439-95-4	~	3680		NT		2300		NT		2490		NT		2280		NT		2110		NT	
Manganese	7439-96-5	1600	381		NT		529		NT		393		NT		236		NT		92.5		NT	
Nickel	7440-02-0	30	19.8		NT		11.5		NT		11.5		NT		11.2		NT		15.2		NT	
Potassium	7440-09-7	~	1370		NT		1150		NT		1050		NT		1140		NT		1090		NT	
Selenium	7782-49-2	3.9	6.03		NT		3.65		NT		3.74		NT		1.85		NT		2.61		NT	
Silver	7440-22-4	2	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Sodium	7440-23-5	~	155		NT		80.7		NT		89.1		NT		73.5		NT		199		NT	
Thallium	7440-28-0	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Vanadium	7440-62-2	~	49.1		NT		21.7		NT		29.5		NT		21.2		NT		28.2		NT	
Zinc	7440-66-6	109	695		NT		54.9		NT		59.6		NT		31.4		NT		36.5		NT	
Metals, TCLP RCRA																						
Dilution Factor		mg/L	mg/L 1				mg/L 1				mg/L 1				mg/L 1				mg/L 1			
Arsenic	7440-38-2	5	0.005	U	NT		ND	U	NT		0.005	U	NT									

TABLE 7
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPB2 (0-15 ft)

Sample ID			B2 (0-3) Comp 14K0839-01 11/20/2014 15:00 Soil		B2 (0-3) Grab 14K0839-02 11/20/2014 15:00 Soil		B2 (3-6) Comp 14K0839-03 11/20/2014 15:00 Soil		B2 (3-6) Grab 14K0839-04 11/20/2014 15:00 Soil		B2 (6-9) Comp 14K0839-05 11/20/2014 15:00 Soil		B2 (6-9) Grab 14K0839-06 11/20/2014 15:00 Soil		B2 (9-12) Comp 14K0839-07 11/20/2014 15:00 Soil		B2 (9-12) Grab 14K0839-08 11/20/2014 15:00 Soil		B2 (12-15) Comp 14K0839-09 11/20/2014 15:00 Soil		B2 (12-15) Grab 14K0839-10 11/20/2014 15:00 Soil	
Compound	CAS Number	Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Corrosivity			pH units				pH units				pH units		pH units		pH units		pH units		pH units			
Dilution Factor			1				1				1				1				1			
pH		~	8.44		NT		7.49		NT		8.3		NT		7.64		NT		7.59		NT	
Ignitability			-				-				-				-				-			
Dilution Factor			1				1				1				1				1			
Ignitability		~	Non-Ignit.		NT		Non-Ignit.		NT		Non-Ignit.		NT		Non-Ignit.		NT		Non-Ignit.		NT	
Paint Filter Test			-				-				-				-				-			
Dilution Factor			1				1				1				1				1			
Paint Filter Test		~	No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT	
Reactivity-Cyanide			mg/kg				mg/kg				mg/kg				mg/kg				mg/kg			
Dilution Factor			1				1				1				1				1			
Reactivity - Cyanide		~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Reactivity-Sulfide			mg/kg				mg/kg				mg/kg				mg/kg				mg/kg			
Dilution Factor			1				1				1				1				1			
Reactivity - Sulfide		~	24	U	NT		ND	U	NT		16	U	NT		16	U	NT		ND	U	NT	
TCLP Extraction for METALS EPA 1311			N/A				N/A				N/A				N/A				N/A			
Dilution Factor			1				1				1				1				1			
TCLP Extraction		~	Completed		NT		Completed		NT		Completed		NT		Completed		NT		Completed		NT	
Total Solids			%				%				%				%				%			
Dilution Factor			1				1				1				1				1			
% Solids	solids	~	88.2		89		88.1		82		85.2		81.7		85.4		87.7		84.2		85	

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

B=analyte found in the analysis batch blank

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

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

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

Waste Characterization Results, TPC1 (0-18 ft)

Sample ID			C1 (0-3) Comp		C1 (0-3) Grab		C1 (3-6) Comp		C1 (3-6) Grab		C1 (6-9) Comp		C1 (6-9) Grab		C1 (9-12) Comp		C1 (9-12) Grab		C1 (12-15) Comp		C1 (12-15) Grab		C1 (15-18) Comp		C1 (15-18) Grab	
York ID			14K0840-01		14K0840-02		14K0840-03		14K0840-04		14K0840-05		14K0840-06		14K0840-07		14K0840-08		14K0840-09		14K0840-10		14K0840-11		14K0840-12	
Sampling Date			11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00	
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number	Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Total Petroleum Hydrocarbons-GRO (C5-C10)			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor			100				100				100				100				100				100			
Total Petroleum Hydrocarbons-GRO			~		NT	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Volatile Organics, NIDEP/TCL/Part 375 List			µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Dilution Factor					1		1		1		1		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,1-Trichloroethane	71-55-6	680	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,2,2-Tetrachloroethane	79-34-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,2-Trichloroethane	79-00-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1-Dichloroethane	75-34-3	270	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1-Dichloroethylene	75-35-4	330	~		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2,4-Trichlorobenzene	120-82-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2,4-Trimethylbenzene	95-63-6	3600	NT		34	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
1,2-Dibromo-3-chloropropane	96-12-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dibromomethane	106-93-4	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dichlorobenzene	95-50-1	1100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dichloroethane	107-06-2	20	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dichloroethane-d4	~	~	NT		55.3	U	NT		48.1	U	NT		48.2	U	NT		56.1	U	NT		53.2	U	NT		49.0	U
1,2-Dichloropropane	78-87-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,3,5-Trimethylbenzene	108-67-8	8400	NT		18	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,3-Dichlorobenzene	541-73-1	2400	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,4-Dichlorobenzene	106-46-7	1800	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,4-Dioxane	123-91-1	100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
2-Butanone	78-93-3	120	NT		160	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
2-Hexanone	591-78-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
4-Methyl-2-pentanone	108-10-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Acetone	67-64-1	50	NT		390	J	NT		810	U	NT		1400	J	NT		14	U	NT		19	U	NT		50	U
Acrolein	107-02-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Acrylonitrile	107-13-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Benzene	71-43-2	60	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Bromodichloromethane	75-27-4	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Bromoform	75-25-2	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Bromomethane	74-83-9	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Carbon disulfide	75-15-0	~	NT		5.8	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Carbon tetrachloride	56-23-5	760	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chlorobenzene	108-90-7	1100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chloroethane	75-00-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chloroform	67-66-3	370	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chloromethane	74-87-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
cis-1,2-Dichloroethylene	156-59-2	250	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
cis-1,3-Dichloropropylene	10061-01-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Cyclohexane	~	~	NT		ND	U	NT		370	U	NT		1700	U	NT		ND	U	NT		ND	U	NT		ND	U
Dibromochloromethane	124-48-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Dibromomethane	74-95-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Dichlorodifluoromethane	75-71-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Ethyl Benzene	100-41-4	1000	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Hexachlorobutadiene	87-68-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Isopropylbenzene	98-82-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		2200	U	NT		ND	U	NT		ND	U
Methylcyclohexane	~	~	NT		8.1	U	NT		2600	U	NT		10000	U	NT		17	U	NT		27	U	NT		ND	U
Methyl acetate	79-20-9	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Methyl tert-butyl ether (MTBE)	1634-04-4	930	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Methylene chloride	75-09-2	50	NT		ND	J	NT		ND	J	NT		ND	J	NT		ND	J	NT		ND	J	NT		ND	J
n-Butylbenzene	104-51-8	12000	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
n-Propylbenzene	103-65-1	3900	NT		ND	U	NT		ND	U	NT		890	U	NT		ND	U	NT		ND	U	NT		ND	U
p-Bromofluorobenzene	~	~	NT		44.3	U	NT		44.2	U	NT		42.3	U	NT		47.0	U	NT		45.5	U	NT		47.8	U
o-Xylene	95-47-6	~	NT		10	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
p- & m- Xylenes	179601-23-1	~	NT		26	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
p-Isopropyltoluene	99-87-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
sec-Butylbenzene	135-98-8	11000	NT		ND	U	NT		680	U	NT		1900	U	NT		ND	U	NT		ND	U	NT		ND	U
Styrene	100-42-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
tert-Butyl alcohol (TBA)	75-65-0	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
tert-Butylbenzene	98-06-6	5900	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Tetrachloroethylene	127-18-4	1300	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Toluene	108-88-3	700	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Toluene-d8	~	~	NT		49.6	U	NT		48.1	U	NT		49.4	U	NT		68.3	U	NT		51.1	U	NT		52.2	U
trans-1,2-Dichloroethylene	156-60-5	190	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
trans-1,3-Dichloropropylene	10061-02-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT											

TABLE 8
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPC1 (0-18 ft)

Sample ID	York ID																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</

TABLE 8
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPC1 (0-18 ft)

Sample ID			C1 (0-3) Comp		C1 (0-3) Grab		C1 (3-6) Comp		C1 (3-6) Grab		C1 (6-9) Comp		C1 (6-9) Grab		C1 (9-12) Comp		C1 (9-12) Grab		C1 (12-15) Comp		C1 (12-15) Grab		C1 (15-18) Comp		C1 (15-18) Grab	
York ID			14K0840-01		14K0840-02		14K0840-03		14K0840-04		14K0840-05		14K0840-06		14K0840-07		14K0840-08		14K0840-09		14K0840-10		14K0840-11		14K0840-12	
Sampling Date			11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00	
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number	Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Total Petroleum Hydrocarbons-DRO (C10-C28)			mg/kg				mg/kg				mg/kg				mg/kg				mg/kg				mg/kg			
Dilution Factor			1				1				1				1				1				1			
Total Petroleum Hydrocarbons-DRO			~		NT		NT		NT		NT		NT		NT	U	NT		NT	U	NT		NT	U	NT	
Herbicides, NIDEP/TCL/Part 375 List			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor			1		1		1		1		1		1		1		1		1		1		1		1	
2,4,5-T			~	93-76-5	NT	U	NT	NT	U	NT	NT	U	NT	NT	U	NT	NT	U	NT	U	NT	NT	U	NT	U	NT
2,4,5-TP (Silvex)			3.8	93-72-1	NT	U	NT	NT	U	NT	NT	U	NT	NT	U	NT	NT	U	NT	U	NT	NT	U	NT	U	NT
2,4-D			~	94-75-7	NT	U	NT	NT	U	NT	NT	U	NT	NT	U	NT	NT	U	NT	U	NT	NT	U	NT	U	NT
Pesticides, NIDEP/TCL/Part 375 List			µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Dilution Factor			5		5		5		5		5		5		5		5		5		5		5		5	
4,4'-DDD			3.3	72-54-8	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U	NT	ND	U	NT	U	NT
4,4'-DDE			3.3	72-55-9	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U	NT	ND	U	NT	U	NT
4,4'-DDT			3.3	50-29-3	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U	NT	ND	U	NT	U	NT
Aldrin			5	309-00-2	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U	NT	ND	U	NT	U	NT
alpha-BHC			20	319-84-6	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U	NT	ND	U	NT	U	NT
alpha-Chlordane			94	5103-71-9	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U	NT	ND	U	NT	U	NT
beta-BHC			36	319-85-7	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U	NT	ND	U	NT	U	NT
Chlordane, total			~	57-74-9	~	U	NT	34.5	U	NT	43.3	U	NT	55.1	U	NT	54.5	U	NT	37.5	U	NT	27.6	U	NT	U
dielta-BHC			319-86-8	40	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U
Dieldrin			60-57-1	5	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U
Endosulfan I			959-98-8	2400	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U
Endosulfan II			33213-65-9	2400	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U
Endosulfan sulfate				1031-07-8	2400	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Endrin				72-20-8	14	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U	NT
Endrin aldehyde				7421-93-4	~	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U	NT
Endrin ketone				53494-70-5	~	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U	NT
gamma-BHC (Lindane)			100	58-89-9	~	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U	NT
gamma-Chlordane				5103-74-2	~	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U	NT
Heptachlor			42	76-44-8	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U
Heptachlor epoxide			~	1024-57-3	~	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U	NT
Methoxychlor			~	72-43-5	~	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U	NT
Toxaphene			8001-35-2	~	~	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U	NT
Tetrachloro-m-xylene			~	25-5	~	~	ND	U	NT	38.1	U	NT	49.3	U	NT	59.3	U	NT	35.7	U	NT	40.1	U	NT	U	NT
Polychlorinated Biphenyls (PCB)			µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Dilution Factor			1		1		1		1		1		1		1		1		1		1		1		1	
Aroclor 1016			~	12674-11-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Aroclor 1221			~	11104-28-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Aroclor 1232			~	11141-16-5	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Aroclor 1242			~	53469-21-9	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Aroclor 1248			~	12672-29-6	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Aroclor 1254			~	11097-69-1	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Aroclor 1260			~	11096-82-5	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Total PCBs			1336-36-3	100	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	U
Metals, Target Analyte			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor			1		1		1		1		1		1		1		1		1		1		1		1	
Aluminum			~	7429-90-5	~	4640		NT	7730		NT	7540		NT	8260		NT	6460		NT	6340		NT		NT	
Antimony			~	7440-36-0	~	1.31		NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Arsenic			13	7440-38-2	13	49.4		NT	3.09		NT	2.34		NT	2.7		NT	2.08		NT	1.70		NT		NT	
Barium			350	7440-39-3	350	1260		NT	59.1		NT	52.5		NT	53.8		NT	43.9		NT	44.8		NT		NT	
Beryllium			7.2	7440-41-7	7.2	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Cadmium			2.5	7440-43-9	2.5	0.700	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Calcium			~	7440-70-2	~	9000		NT	1080		NT	1280		NT	1260		NT	1120		NT	1240		NT		NT	
Chromium			~	7440-47-3	~	25.6		NT	14.8		NT	14.3		NT	16.7		NT	15.7		NT	14.9		NT		NT	
Cobalt			~	7440-48-4	~	7.96		NT	8.66		NT	8.04		NT	8.48		NT	7.19		NT	7.56		NT		NT	
Copper			50	7440-50-8	50	102		NT	17.0		NT	15.3		NT	17.4		NT	17.4		NT	16.3		NT		NT	
Iron			~	7439-89-6	~	26400		NT	21300		NT	18800		NT	20700		NT	17500		NT	19300		NT		NT	
Lead			63	7439-92-1	63	641		NT	13.7		NT	12.7		NT	26.2		NT	6.02		NT	6.37		NT		NT	
Magnesium			~	7439-95-4	~	2140		NT	2400		NT	2250		NT	2100		NT	2240		NT	2280		NT		NT	
Manganese			1600	7439-96-5	1600	381		NT	205		NT	328		NT	346		NT	206		NT	292		NT		NT	
Nickel			30	7440-02-0	30	16.2		NT	13.2		NT	12.7		NT	12.9		NT	13.2		NT	12.2		NT		NT	
Potassium			~	7440-09-7	~	869		NT	1110		NT	1120		NT	913		NT	1240		NT	1230		NT		NT	
Selenium			3.9	7782-49-2	3.9	5.08		NT	3.56		NT	3.70		NT	3.53		NT	3.11		NT	3.35		NT		NT	
Silver			~	7440-22-4	~	2	U	NT	ND	U	NT	ND														

TABLE 8
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPC1 (0-18 ft)

Sample ID			C1 (0-3) Comp 14K0840-01 11/21/2014 15:00 Soil		C1 (0-3) Grab 14K0840-02 11/21/2014 15:00 Soil		C1 (3-6) Comp 14K0840-03 11/21/2014 15:00 Soil		C1 (3-6) Grab 14K0840-04 11/21/2014 15:00 Soil		C1 (6-9) Comp 14K0840-05 11/21/2014 15:00 Soil		C1 (6-9) Grab 14K0840-06 11/21/2014 15:00 Soil		C1 (9-12) Comp 14K0840-07 11/21/2014 15:00 Soil		C1 (9-12) Grab 14K0840-08 11/21/2014 15:00 Soil		C1 (12-15) Comp 14K0840-09 11/21/2014 15:00 Soil		C1 (12-15) Grab 14K0840-10 11/21/2014 15:00 Soil		C1 (15-18) Comp 14K0840-11 11/21/2014 15:00 Soil		C1 (15-18) Grab 14K0840-12 11/21/2014 15:00 Soil	
Compound	CAS Number	Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Ignitability		-	-		-		-		-		-		-		-		-		-		-		-		-	
Dilution Factor		1	1		1		1		1		1		1		1		1		1		1		1		1	
Ignitability		~	Non-Ignit.		NT		Non-Ignit.		NT		Non-Ignit.		NT		Non-Ignit.		NT		Non-Ignit.		NT		Non-Ignit.		NT	
Paint Filter Test		-	-		-		-		-		-		-		-		-		-		-		-		-	
Dilution Factor		1	1		1		1		1		1		1		1		1		1		1		1		1	
Paint Filter Test		~	No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT	
Reactivity-Cyanide			mg/kg				mg/kg				mg/kg				mg/kg				mg/kg				mg/kg			
Dilution Factor		1	1		1		1		1		1		1		1		1		1		1		1		1	
Reactivity - Cyanide		~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Reactivity-Sulfide			mg/kg				mg/kg				mg/kg				mg/kg				mg/kg				mg/kg			
Dilution Factor		1	1		1		1		1		1		1		1		1		1		1		1		1	
Reactivity - Sulfide		~	240	U	NT		1	U	NT		16	U	NT		16	U	NT		24	U	NT		ND	U	NT	
TCLP Extraction for METALS EPA 1311			N/A				N/A				N/A				N/A				N/A				N/A			
Dilution Factor		1	1		1		1		1		1		1		1		1		1		1		1		1	
TCLP Extraction		~	Completed		NT		Completed		NT		Completed		NT		Completed		NT		Completed		NT		Completed		NT	
Total Solids			%				%				%				%				%				%			
Dilution Factor		1	1		1		1		1		1		1		1		1		1		1		1		1	
% Solids	solids	~	87.5		86.9		87.3		88.1		84.5		85.4		82.5		85.5		84.4		82.9		85.4		87	

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

B=analyte found in the analysis batch blank

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

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

~this indicates that no regulatory limit has been established for this analyte

TABLE 9
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPC2 (0-18 ft)

Sample ID			C2 (0-3) Comp		C2 (0-3) Grab		C2 (3-6) Comp		C2 (0-3) Grab		C2 (6-9) Comp		C2 (6-9) Grab		C2 (9-12) Comp		C2 (9-12) Grab		C2 (12-15) Comp		C2 (12-15) Grab		C2 (15-18) Comp		C2 (15-18) Grab		
York ID		NYSDEC Part 375	14K0840-01		14K0840-02		14K0840-03		14K0840-04		14K0840-05		14K0840-06		14K0840-07		14K0840-08		14K0840-09		14K0840-11		14K0840-12				
Sampling Date		Unrestricted Use	11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00				
Client Matrix		Soil Cleanup	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil				
Compound	CAS Number	Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q			
Total Petroleum Hydrocarbons-GRO (C5-C10)			mg/kg				mg/kg				mg/kg				mg/kg				mg/kg				mg/kg				
Dilution Factor			100				100				100				100				100				100				
Total Petroleum Hydrocarbons-GRO		~	NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		NT	U			
Volatile Organics, NJDEP/TCL/Part 375 List																											
Dilution Factor		µg/Kg	1		µg/Kg		1		µg/Kg		1		µg/Kg		1		µg/Kg		1		µg/Kg		1				
1,1,1,2-Tetrachloroethane	630-20-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
1,1,1-Trichloroethane	71-55-6	680	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
1,1,2,2-Tetrachloroethane	79-34-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
1,1,2-Trichloroethane	79-00-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
1,1-Dichloroethane	75-34-3	270	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
1,1-Dichloroethylene	75-35-4	330	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
1,2,4-Trichlorobenzene	120-82-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
1,2,4-Trimethylbenzene	95-63-6	3600	NT		ND	U	NT		69	U	NT		ND	U	NT		2000	U	NT		ND	U	NT				
1,2-Dibromo-3-chloropropane	96-12-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
1,2-Dibromomethane	106-93-4	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
1,2-Dichlorobenzene	95-50-1	1100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
1,2-Dichloroethane	107-06-2	20	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
1,2-Dichloroethane-d4	~	~	NT		52.4		NT		55.5		NT		47.4		NT		48.4		NT		47.6		NT				
1,2-Dichloropropane	78-87-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
1,3,5-Trimethylbenzene	108-67-8	8400	NT		ND	U	NT		11	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
1,3-Dichlorobenzene	541-73-1	2400	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
1,4-Dichlorobenzene	106-46-7	1800	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
1,4-Dioxane	123-91-1	100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
2-Butanone	78-93-3	120	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
2-Hexanone	591-78-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
4-Methyl-2-pentanone	108-10-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Acetone	67-64-1	50	NT		12	J	NT		48	U	NT		ND	J	NT		ND	U	NT		ND	U	NT				
Acrolein	107-02-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Acrylonitrile	107-13-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Benzene	71-43-2	60	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Bromodichloromethane	75-27-4	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Bromoform	75-25-2	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Bromomethane	74-83-9	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Carbon disulfide	75-15-0	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Carbon tetrachloride	56-23-5	760	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Chlorobenzene	108-90-7	1100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Chloroethane	75-00-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Chloroform	67-66-3	370	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Chloromethane	74-87-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
cis-1,2-Dichloroethylene	156-59-2	250	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
cis-1,3-Dichloropropylene	10061-01-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Cyclohexane	~	~	NT		ND	U	NT		ND	U	NT		1100		NT		500		NT		560		NT				
Dibromochloromethane	124-48-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Dibromomethane	74-95-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Dichlorodifluoromethane	75-71-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Ethyl Benzene	100-41-4	1000	NT		ND	U	NT		17	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Hexachlorobutadiene	87-68-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Isopropylbenzene	98-82-8	~	NT		ND	U	NT		81	U	NT		470		NT		690		NT		ND	U	NT				
Methylcyclohexane	~	~	NT		ND	U	NT		150		NT		13000		NT		6300		NT		7200		NT				
Methyl acetate	79-20-9	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Methyl tert-butyl ether (MTBE)	1634-04-4	930	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Methylene chloride	75-09-2	50	NT		ND	J	NT		ND	J	NT		ND	J	NT		ND	J	NT		ND	J	NT				
n-Butylbenzene	104-51-8	12000	NT		ND	U	NT		ND	U	NT		850	U	NT		540	U	NT		ND	U	NT				
n-Propylbenzene	103-65-1	3900	NT		ND	U	NT		67	U	NT		530	U	NT		1000	U	NT		ND	U	NT				
p-Bromofluorobenzene	~	~	NT		51.2	U	NT		44.6		NT		45.2		NT		47.0		NT		43.7		NT				
o-Xylene	95-47-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
p- & m- Xylenes	179601-23-1	~	NT		ND	U	NT		23	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
p-Isopropyltoluene	99-87-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
sec-Butylbenzene	135-98-8	11000	NT		ND	U	NT		38	U	NT		1200	U	NT		650	U	NT		560	U	NT				
Styrene	100-42-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
tert-Butyl alcohol (TBA)	75-65-0	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
tert-Butylbenzene	98-06-6	5900	NT		ND	U	NT		6.4	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Tetrachloroethylene	127-18-4	1300	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT				
Toluene	108-88-3	700	NT		ND	U	NT		ND	U	NT		ND	U	NT												

Waste Characterization Results, TPC2 (0-18 ft)

Sample ID			NYSDEC Part 375	C2 (0-3) Comp		C2 (0-3) Grab		C2 (3-6) Comp		C2 (3-6) Grab		C2 (6-9) Comp		C2 (6-9) Grab		C2 (9-12) Comp		C2 (9-12) Grab		C2 (12-15) Comp		C2 (12-15) Grab		C2 (15-18) Comp		C2 (15-18) Grab				
York ID			Unrestricted Use	14K0840-01		14K0840-02		14K0840-03		14K0840-04		14K0840-05		14K0840-06		14K0840-07		14K0840-08		14K0840-09		14K0840-10		14K0840-11		14K0840-12				
Sampling Date			Soil Cleanup	11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00				
Client Matrix			Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q			
Compound	CAS Number		µg/Kg	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q			
Semi-Volatiles, NJDEP/TCL/Part 375 List																														
Dilution Factor																														
1,1'-Biphenyl	92-52-4	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
1,2,4-Trichlorobenzene	120-82-1	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
1,2-Dichlorobenzene	95-50-1	1100	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
1,3-Dichlorobenzene	541-73-1	2400	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
1,4-Dichlorobenzene	106-46-7	1800	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
2,4,5-Trichlorophenol	95-95-4	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
2,4,6-Trichlorophenol	88-06-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
2,4,6-Tribromophenol	~	4700	~	ND	U	NT	ND	U	NT	1510	~	3930	~	1760	~	ND	U	NT	ND	U	NT	ND	U	NT	1830	~	ND	U	NT	
2,4-Dichlorophenol	120-83-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
2,4-Dimethylphenol	105-67-9	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
2,4-Dinitrophenol	51-28-5	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
2,4-Dinitrotoluene	121-14-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
2,6-Dinitrotoluene	606-20-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
2-Chloronaphthalene	91-58-7	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
2-Chlorophenol	95-57-8	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
2-Fluorophenol	~	3850	~	ND	U	NT	ND	U	NT	1110	~	1250	~	1040	~	4190	~	NT	~	NT	~	1050	~	NT	~	1050	~	NT	~	
2-Fluorobiphenyl	~	2780	~	ND	U	NT	ND	U	NT	1530	~	1610	~	1740	~	2920	~	NT	~	NT	~	1800	~	NT	~	1800	~	NT	~	
2-Methylnaphthalene	~	220	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	610	~	NT	~	NT	~	ND	U	NT	ND	U	NT	ND	U	NT
2-Methylphenol	95-48-7	330	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
2-Nitroaniline	88-74-4	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
2-Nitrophenol	88-75-5	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
3- & 4-Methylphenols	65794-96-9	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
3,3'-Dichlorobenzidine	91-94-1	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
3-Nitroaniline	99-09-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
4,6-Dinitro-2-methylphenol	534-52-1	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
4-Bromophenyl phenyl ether	101-55-3	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
4-Chloroaniline	106-47-8	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
4-Chlorophenyl phenyl ether	7005-72-3	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
4-Nitroaniline	100-01-6	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
4-Nitrophenol	100-02-7	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
Acenaphthene	83-32-9	2000	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Acenaphthylene	208-96-8	100000	~	241	J	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Acetophenone	98-86-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
Anthracene	120-12-7	100000	~	723	U	NT	ND	U	NT	ND	U	NT	176	~	112	JD	NT	132	JD	NT	ND	JD	NT	ND	JD	NT	ND	JD	NT	
Atrazine	1912-24-9	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
Benzaldehyde	100-52-7	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
Benzidine	92-87-5	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
Benzo(a)anthracene	56-55-3	1000	~	1760	J	NT	ND	J	NT	53.8	~	NT	ND	D	NT	ND	D	NT	ND	D	NT	ND	D	NT	ND	D	NT	ND	D	NT
Benzo(a)pyrene	50-32-8	1000	~	1170	J	NT	ND	J	NT	ND	J	NT	ND	D	NT	ND	D	NT	ND	D	NT	ND	D	NT	ND	D	NT	ND	D	NT
Benzo(b)fluoranthene	205-99-2	1000	~	1220	J	NT	ND	J	NT	ND	J	NT	ND	D	NT	ND	D	NT	ND	D	NT	ND	D	NT	ND	D	NT	ND	D	NT
Benzo(g,h,i)perylene	191-24-2	100000	~	705	J	NT	ND	J	NT	ND	J	NT	ND	JD	NT	ND	JD	NT	ND	JD	NT	ND	JD	NT	ND	JD	NT	ND	JD	NT
Benzo(k)fluoranthene	207-08-9	800	~	1190	J	NT	ND	J	NT	ND	J	NT	ND	D	NT	ND	D	NT	ND	D	NT	ND	D	NT	ND	D	NT	ND	D	NT
Benzoic acid	65-85-0	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
Benzyl butyl phthalate	85-68-7	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
Bis(2-chloroethoxy)methane	111-91-1	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
Bis(2-chloroethyl)ether	111-44-4	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
Bis(2-chloroisopropyl)ether	108-60-1	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
Bis(2-ethylhexyl)phthalate	117-81-7	~	ND	U	NT	270	~	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
Caprolactam	105-60-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
Carbazole	86-74-8	~	289	~	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Chrysene	218-01-9	1000	~	1650	J	NT	ND	J	NT	72.9	~	NT	ND	D	NT	ND	D	NT	ND	D	NT	ND	D	NT	ND	D	NT	ND	D	NT
Cyclohexane	~	ND	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Dibenzo(a,h)anthracene	~	368	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Dibenzofuran	132-64-9	7000	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Diethyl phthalate	84-66-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT				

TABLE 9
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPC2 (0-18 ft)

Sample ID			C2 (0-3) Comp 14K0840-01		C2 (0-3) Grab 14K0840-02		C2 (3-6) Comp 14K0840-03		C2 (3-6) Grab 14K0840-04		C2 (6-9) Comp 14K0840-05		C2 (6-9) Grab 14K0840-06		C2 (9-12) Comp 14K0840-07		C2 (9-12) Grab 14K0840-08		C2 (12-15) Comp 14K0840-09		C2 (12-15) Grab 14K0840-10		C2 (15-18) Comp 14K0840-11		C2 (15-18) Grab 14K0840-12		
York ID			11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		11/21/2014 15:00		
Sampling Date			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		
Client Matrix			Soil Cleanup		Soil Cleanup		Soil Cleanup		Soil Cleanup		Soil Cleanup		Soil Cleanup		Soil Cleanup		Soil Cleanup		Soil Cleanup		Soil Cleanup		Soil Cleanup		Soil Cleanup		
Compound	CAS Number	Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Total Petroleum Hydrocarbons-DRO (C10-C28)																											
Dilution Factor			mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1				
Total Petroleum Hydrocarbons-DRO																											
		~	NT		NT		NT		NT		NT		NT		NT	U	NT		NT	U	NT		NT	U	NT		
Herbicides, NJDEP/TCL/Part 375 List																											
Dilution Factor		mg/Kg	mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1				
2,4,5-T	93-76-5	~	NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		
2,4,5-TP (Silvex)	93-72-1	3.8	NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		
2,4-D	94-75-7	~	NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		
Pesticides, NJDEP/TCL/Part 375 List																											
Dilution Factor		µg/Kg	µg/kg 5				µg/kg 5				µg/kg 5				µg/kg 5				µg/kg 5				µg/kg 5				
4,4'-DDD	72-54-8	3.3	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
4,4'-DDE	72-55-9	3.3	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
4,4'-DDT	50-29-3	3.3	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Aldrin	309-00-2	5	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
alpha-BHC	319-84-6	20	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
alpha-Chlordane	5103-71-9	94	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
beta-BHC	319-85-7	36	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Chlordane, total	57-74-9	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Decachlorodiphenyl		~	71.1	U	NT		42.6	U	NT		41.9	U	NT		50.1	U	NT		65.4	U	NT		88.4	U	NT		
delta-BHC	319-86-8	40	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Dieldrin	60-57-1	5	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Endosulfan I	959-98-8	2400	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Endosulfan II	33213-65-9	2400	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Endosulfan sulfate	1031-07-8	2400	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Endrin	72-20-8	14	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Endrin aldehyde	7421-93-4	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Endrin ketone	53494-70-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
gamma-BHC (Lindane)	58-89-9	100	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
gamma-Chlordane	5103-74-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Heptachlor	76-44-8	42	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Heptachlor epoxide	1024-57-3	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Methoxychlor	72-43-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Toxaphene	8001-35-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Tetrachloro-m-xylene		~	48.7	U	NT		41.7	U	NT		34.4	U	NT		41.6	U	NT		53.3	U	NT		90.8	U	NT		
Polychlorinated Biphenyls (PCB)																											
Dilution Factor		µg/Kg	µg/kg 1				µg/kg 1				µg/kg 1				µg/kg 1				µg/kg 1				µg/kg 1				
Aroclor 1016	12674-11-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Aroclor 1221	11104-28-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Aroclor 1232	11141-16-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Aroclor 1242	53469-21-9	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Aroclor 1248	12672-29-6	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Aroclor 1254	11097-69-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Aroclor 1260	11096-82-5	~	0.0327	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Total PCBs	1336-36-3	100	0.0327	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Metals, Target Analyte																											
Dilution Factor		mg/Kg	mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1				mg/kg 1				
Aluminum	7429-90-5	~	6660		NT		6500		NT		8150		NT		6990		NT		5350		NT		8280		NT		
Antimony	7440-36-0	~	0.843				ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Arsenic	7440-38-2	13	9.43				2.07		NT		3.16		NT		2.82		NT		2.77		NT		1.74		NT		
Barium	7440-39-3	350	165				48.5		NT		38.0		NT		48.0		NT		42.5		NT		34.2		NT		
Beryllium	7440-41-7	7.2	ND	U			ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Cadmium	7440-43-9	2.5	ND	U			ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		
Calcium	7440-70-2	~	12400				1390		NT		1550		NT		1760		NT		1420		NT		860		NT		
Chromium	7440-47-3	~	15.6				14.7		NT		16.1		NT		11.5		NT		13.6		NT		11.7		NT		
Cobalt	7440-48-4	~	8.49				7.11		NT		7.00		NT		6.35		NT		6.41		NT		5.54		NT		
Copper	7440-50-8	50	283		NT		33.4		NT		24.8		NT		62.9		NT		17.9		NT		12.7		NT		
Iron	7439-89-6	~	20700		NT		16400		NT		18600		NT		14400		NT		16000		NT		13900		NT		
Lead	7439-92-1	63	332		NT		26.2		NT		20.4		NT		41.4		NT		16.1		NT		10.2		NT		
Magnesium	7439-95-4	~	5380		NT		2290		NT		2850		NT		2320		NT		1810		NT		2720		NT		
Manganese	7439-96-5	1600	1270		NT		218		NT		240		NT		340		NT		319		NT		134		NT		
Nickel	7440-02-0	30	17.5		NT		10.6		NT		14.2		NT		12.1		NT		9.99		NT		14.0		NT		
Potassium	7440-09-7	~	1050		NT		1390		NT		911		NT		841		NT		930		NT		825		NT		
Selenium	7782-49-2	3.9	3.19				3.39		NT		2.64		NT		2.23		NT		1.93		NT		1.44		NT		
Silver	7440-22-4	2	ND	U																							

TABLE 9
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPC2 (0-18 ft)

Sample ID			C2 (0-3) Comp		C2 (0-3) Grab		C2 (3-6) Comp		C2 (3-6) Grab		C2 (6-9) Comp		C2 (6-9) Grab		C2 (9-12) Comp		C2 (9-12) Grab		C2 (12-15) Comp		C2 (12-15) Grab		C2 (15-18) Comp		C2 (15-18) Grab	
York ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup	14K0840-01 11/21/2014 15:00 Soil		14K0840-02 11/21/2014 15:00 Soil		14K0840-03 11/21/2014 15:00 Soil		14K0840-04 11/21/2014 15:00 Soil		14K0840-05 11/21/2014 15:00 Soil		14K0840-06 11/21/2014 15:00 Soil		14K0840-07 11/21/2014 15:00 Soil		14K0840-08 11/21/2014 15:00 Soil		14K0840-09 11/21/2014 15:00 Soil		14K0840-10 11/21/2014 15:00 Soil		14K0840-11 11/21/2014 15:00 Soil		14K0840-12 11/21/2014 15:00 Soil	
Client Matrix																										
Compound	CAS Number	Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Paint Filter Test			-				-				-				-				-				-			
Dilution Factor			1				1				1				1				1				1			
Paint Filter Test		~	No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT	
Reactivity-Cyanide			mg/kg				mg/kg				mg/kg				mg/kg				mg/kg				mg/kg			
Dilution Factor			1				1				1				1				1				1			
Reactivity - Cyanide		~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Reactivity-Sulfide			mg/kg				mg/kg				mg/kg				mg/kg				mg/kg				mg/kg			
Dilution Factor			1				1				1				1				1				1			
Reactivity - Sulfide		~	16	U	NT		ND	U	NT		16	U	NT		16	U	NT		32	U	NT		24	U	NT	
TCLP Extraction for METALS EPA 1311			N/A				N/A				N/A				N/A				N/A				N/A			
Dilution Factor			1				1				1				1				1				1			
TCLP Extraction		~	Completed		NT		Completed		NT		Completed		NT		Completed		NT		Completed		NT		Completed		NT	
Total Solids			%				%				%				%				%				%			
Dilution Factor			1				1				1				1				1				1			
% Solids	solids	~	82.9		90.5		90.5		88.9		89.2		88.9		83.2		79.6		87.9		87.5		78.4		79.6	

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

B=analyte found in the analysis batch blank

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

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

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

TABLE 10
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPC3 (0-18 ft)

Sample ID			C3 (0-3) Comp		C3 (0-3) Grab		C3 (3-6) Comp		C3 (3-6) Grab		C3 (6-9) Comp		C3 (6-9) Grab		C3 (9-12) Comp		C3 (9-12) Grab		C3 (12-15) Comp		C3 (12-15) Grab		C3 (15-18) Comp		C3 (15-18) Grab	
York ID		NYSDEC Part 375	14K0888-01		14K0888-02		14K0888-03		14K0888-04		14K0888-05		14K0888-06		14K0888-07		14K0888-08		14K0888-09		14K0888-10		14K0888-11		14K0888-12	
Sampling Date		Unrestricted Use	11/24/2014 15:00		11/24/2014 15:00		11/24/2014 15:00		11/24/2014 15:00		11/24/2014 15:00		11/24/2014 15:00		11/24/2014 15:00		11/24/2014 15:00		11/24/2014 15:00		11/24/2014 15:00		11/24/2014 15:00		11/24/2014 15:00	
Client Matrix		Soil Cleanup	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number	Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Total Petroleum Hydrocarbons-GRO (C5-C10)			mg/kg				mg/kg				mg/kg				mg/kg				mg/kg				mg/kg			
Dilution Factor			100				100				100				100				100				100			
Total Petroleum Hydrocarbons-GRO			NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT	
Volatile Organics, NIDEP/TCL/Part 375 List			µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
Dilution Factor			1		1		1		1		1		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,1-Trichloroethane	71-55-6	680	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,2,2-Tetrachloroethane	79-34-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,2-Trichloroethane	79-00-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1-Dichloroethane	75-34-3	270	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1-Dichloroethylene	75-35-4	330	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2,4-Trichlorobenzene	120-82-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2,4-Trimethylbenzene	95-63-6	3600	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dibromo-3-chloropropane	96-12-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dibromomethane	106-93-4	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dichlorobenzene	95-50-1	1100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dichloroethane	107-06-2	20	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dichloroethane-d4	~	~	NT		53.3		NT		52.7		NT		53.7		NT		55.0		NT		50.6		NT		51.2	
1,2-Dichloropropane	78-87-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,3,5-Trimethylbenzene	108-67-8	8400	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,3-Dichlorobenzene	541-73-1	2400	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,4-Dichlorobenzene	106-46-7	1800	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,4-Dioxane	123-91-1	100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
2-Butanone	78-93-3	120	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
2-Hexanone	591-78-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
4-Methyl-2-pentanone	108-10-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Acetone	67-64-1	50	NT		15		J		NT		13		U		NT		6700		J		NT		3200		U	
Acrolein	107-02-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Acrylonitrile	107-13-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Benzene	71-43-2	60	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Bromodichloromethane	75-27-4	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Bromoform	75-25-2	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Bromomethane	74-83-9	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Carbon disulfide	75-15-0	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Carbon tetrachloride	56-23-5	760	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chlorobenzene	108-90-7	1100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chloroethane	75-00-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chloroform	67-66-3	370	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chloromethane	74-87-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
cis-1,2-Dichloroethylene	156-59-2	250	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
cis-1,3-Dichloropropylene	10061-01-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Cyclohexane	~	~	NT		ND		NT		ND		NT		ND		NT		ND		NT		2200		NT		540	
Dibromochloromethane	124-48-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		~		NT		~	
Dibromomethane	74-95-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		~		NT		~	
Dichlorodifluoromethane	75-71-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		~		NT		~	
Ethyl Benzene	100-41-4	1000	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		~		NT		~	
Hexachlorobutadiene	87-68-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		~		NT		~	
Isopropylbenzene	98-82-8	~	NT		ND	U	NT		ND	U	NT		9200		U		1300		U		8900		U		670	
Methylcyclohexane	~	~	NT		ND	U	NT		ND	U	NT		10000		U		~		U		~		U		~	
Methyl acetate	79-20-9	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		~		U		~	
Methyl tert-butyl ether (MTBE)	1634-04-4	930	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		~		U		~	
Methylene chloride	75-09-2	50	NT		ND	J		NT		ND	J		NT		NT		ND	J		NT		ND	J		NT	
n-Butylbenzene	104-51-8	12000	NT		ND	U	NT		ND	U	NT		14000		U		NT		U		11000		U		NT	
n-Propylbenzene	103-65-1	3900	NT		ND	U	NT		ND	U	NT		19000		U		NT		2400		U		16000		U	
p-Bromofluorobenzene	~	~	NT		45.0		U		NT		44.1		U		NT		39.9		U		42.3		U		49.7	
o-Xylene	95-47-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		~		U		~	
p- & m- Xylenes	179601-23-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		~		U		~	
p-Isopropyltoluene	99-87-6	~	NT		ND	U																				

Waste Characterization Results, TPC3 (0-18 ft)

Sample ID			NYSDEC Part 375	C3 (0-3) Comp	C3 (0-3) Grab	C3 (3-6) Comp	C3 (3-6) Grab	C3 (6-9) Comp	C3 (6-9) Grab	C3 (9-12) Comp	C3 (9-12) Grab	C3 (12-15) Comp	C3 (12-15) Grab	C3 (15-18) Comp	C3 (15-18) Grab			
Work ID			Unrestricted Use	14K0888-01	14K0888-02	14K0888-03	14K0888-04	14K0888-05	14K0888-06	14K0888-07	14K0888-08	14K0888-09	14K0888-10	14K0888-11	14K0888-12			
Sampling Date			Soil Cleanup	11/24/2014 15:00	11/24/2014 15:00	11/24/2014 15:00	11/24/2014 15:00	11/24/2014 15:00	11/24/2014 15:00	11/24/2014 15:00	11/24/2014 15:00	11/24/2014 15:00	11/24/2014 15:00	11/24/2014 15:00	11/24/2014 15:00			
Client Matrix			Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q			
Compound	CAS Number		Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q			
Semi-Volatiles, NIDEP/TCL/Part 375 List																		
Dilution Factor			µg/Kg	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg				
1,1'-Biphenyl	92-52-4	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
1,2,4-Trichlorobenzene	120-82-1	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
1,2-Dichlorobenzene	95-50-1	1100	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	
1,3-Dichlorobenzene	541-73-1	2400	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
1,4-Dichlorobenzene	106-46-7	1800	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
2,4,5-Trichlorophenol	95-95-4	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
2,4,6-Trichlorophenol	88-06-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
2,4,6-Tribromophenol	~	~	2010	U	NT	1880	U	NT	3810	U	NT	2180	U	NT	2160	U	NT	NT
2,4-Dichlorophenol	120-83-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
2,4-Dimethylphenol	105-67-9	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
2,4-Dinitrophenol	51-28-5	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
2,4-Dinitrotoluene	121-14-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
2,6-Dinitrotoluene	606-20-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
2-Chloronaphthalene	91-58-7	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
2-Chlorophenol	95-57-8	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
2-Fluorophenol	~	~	2350	U	NT	2500	U	NT	5810	U	NT	3270	U	NT	3330	U	NT	NT
2-Fluorobiphenyl	~	~	1930	U	NT	1780	U	NT	3060	U	NT	2120	U	NT	1970	U	NT	NT
2-Methylnaphthalene	~	~	ND	U	NT	ND	U	NT	1230	U	NT	318	U	NT	365	U	NT	NT
2-Methylphenol	95-48-7	330	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
2-Nitroaniline	88-74-4	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
2-Nitrophenol	88-75-5	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
3- & 4-Methylphenols	65794-96-9	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
3,3'-Dichlorobenzidine	91-94-1	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
3-Nitroaniline	99-09-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
4,6-Dinitro-2-methylphenol	534-52-1	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
4-Bromophenyl phenyl ether	101-55-3	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
4-Chloroaniline	106-47-8	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
4-Chlorophenyl phenyl ether	7005-72-3	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
4-Nitroaniline	100-01-6	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
4-Trophenol	100-02-7	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Acenaphthene	83-32-9	20000	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Acenaphthylene	208-96-8	100000	~	ND	J	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Acetophenone	98-86-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Anthracene	120-12-7	100000	~	426	U	NT	ND	U	NT	ND	U	NT	ND	JD	NT	ND	JD	NT
Atrazine	1912-24-9	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Benzaldehyde	100-52-7	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Benzidine	92-87-5	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Benzo(a)anthracene	56-55-3	1000	~	1000	J	NT	ND	J	NT	ND	J	NT	ND	D	NT	ND	D	NT
Benzo(a)pyrene	50-32-8	1000	~	559	J	NT	ND	J	NT	ND	J	NT	ND	D	NT	ND	D	NT
Benzo(b)fluoranthene	205-99-2	1000	~	496	J	NT	ND	J	NT	ND	J	NT	ND	D	NT	ND	D	NT
Benzo(g,h,i)perylene	191-24-2	100000	~	247	J	NT	ND	U	NT	ND	U	NT	ND	JD	NT	ND	JD	NT
Benzo(k)fluoranthene	207-08-9	800	~	630	J	NT	ND	J	NT	ND	J	NT	ND	D	NT	ND	D	NT
Benzoic acid	65-85-0	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Benzyl butyl phthalate	85-68-7	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Bis(2-chloroethoxy)methane	111-91-1	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Bis(2-chloroethyl)ether	111-44-4	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Bis(2-chloroisopropyl)ether	108-60-1	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Bis(2-ethylhexyl)phthalate	117-81-7	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Caprolactam	105-60-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Carbazole	86-74-8	~	156	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Chrysene	218-01-9	1000	~	1120	J	NT	ND	J	NT	ND	J	NT	ND	D	NT	ND	D	NT
Cyclohexane	~	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Dibenzo(a,h)anthracene	~	~	99.9	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Dibenzofuran	132-64-9	7000	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Diethyl phthalate	84-66-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Dimethyl phthalate	131-11-3	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Di-n-butyl phthalate	84-74-2	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Di-n-octyl phthalate	117-84-0	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Fluoranthene	206-44-0	100000	~	2340	U	NT	ND	J	NT	ND	D	NT	ND	D	NT	ND	D	NT
Fluorene	86-73-7	30000	~	131	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Hexachlorobenzene	118-74-1	330	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Hexachlorobutadiene	87-68-3	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Hexachlorocyclopentadiene	77-47-4	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Hexachloroethane	67-72-1	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Indeno(1,2,3-cd)pyrene	193-39-5	500	~	256	J	NT	ND	U	NT	ND	J	NT	ND	JD	NT	ND	JD	NT
Isophorone	78-59-1	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Naphthalene	91-20-3	12000	~	ND	U	NT	ND	U	NT	1700	U	NT	478	U	NT	99.2	U	NT
Nitrobenzene	98-95-3	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	54.5	U	NT	NT
Nitrobenzene-d5	~	~	1640	U	NT	1640	U	NT	7980	U	NT	2640	U	NT	2970	U	NT	NT
N-Nitrosodimethylamine	62-75-9	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
N-nitroso-di-n-propylamine	621-64-7	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
N-Nitrosodiphenylamine	86-30-6	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	NT
Pentachlorophenol	87-86-5	800	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Phenanthrene	85-01-8	100000	~	1900	J	NT	ND	J	NT	9200	J	NT	70.8	D	NT	ND	D	NT
Phenol	108-95-2	330	~	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT	ND	U	NT
Phenol-d5	~	~	2740	U	NT	2670	U	NT	6400	U	NT	3170	U	NT	3160	U	NT	NT
Pyrene	129-00-0	100000	~	2020	U	NT	ND	J	NT	ND	U	NT	ND	D	NT	ND	D	NT
Terphenyl-d14	~	~	1730	U	NT	1580	U	NT	2770	U	NT	1870	U	NT	1880	U	NT	NT

TABLE 10
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPC3 (0-18 ft)

Sample ID			C3 (0-3) Comp 14K0888-01		C3 (0-3) Grab 14K0888-02		C3 (3-6) Comp 14K0888-03		C3 (3-6) Grab 14K0888-04		C3 (6-9) Comp 14K0888-05		C3 (6-9) Grab 14K0888-06		C3 (9-12) Comp 14K0888-07		C3 (9-12) Grab 14K0888-08		C3 (12-15) Comp 14K0888-09		C3 (12-15) Grab 14K0888-10		C3 (15-18) Comp 14K0888-11		C3 (15-18) Grab 14K0888-12		
York ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup	11/24/2014 15:00 Soil		11/24/2014 15:00 Soil		11/24/2014 15:00 Soil		11/24/2014 15:00 Soil		11/24/2014 15:00 Soil		11/24/2014 15:00 Soil		11/24/2014 15:00 Soil		11/24/2014 15:00 Soil		11/24/2014 15:00 Soil		11/24/2014 15:00 Soil		11/24/2014 15:00 Soil		11/24/2014 15:00 Soil		
Sampling Date																											
Client Matrix																											
Compound	CAS Number	Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Total Petroleum Hydrocarbons-DRO (C10-C28)			mg/kg						mg/kg						mg/kg				mg/kg						mg/kg		
Dilution Factor			1						1						1				1						1		
Total Petroleum Hydrocarbons-DRO			NT		NT				NT				NT		NT	U	NT		NT	U		NT		NT	U	NT	
Herbicides, NJDEP/TCL/Part 375 List			mg/kg						mg/kg						mg/kg				mg/kg						mg/kg		
Dilution Factor			1						1						1				1						1		
2,4,5-T	93-76-5	~	NT	U	NT			NT	U	NT		NT	U	NT	NT	U	NT	NT	U	NT		NT		NT	U	NT	
2,4,5-TP (Silvex)	93-72-1	3.8	NT	U	NT			NT	U	NT		NT	U	NT	NT	U	NT	NT	U	NT		NT		NT	U	NT	
2,4-D	94-75-7	~	NT	U	NT			NT	U	NT		NT	U	NT	NT	U	NT	NT	U	NT		NT		NT	U	NT	
Pesticides, NJDEP/TCL/Part 375 List			µg/kg						µg/kg						µg/kg				µg/kg						µg/kg		
Dilution Factor			5						5						5				5						5		
4,4'-DDD	72-54-8	3.3	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
4,4'-DDE	72-55-9	3.3	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
4,4'-DDT	50-29-3	3.3	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Aldrin	309-00-2	5	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
alpha-BHC	319-84-6	20	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
alpha-Chlordane	5103-71-9	94	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
beta-BHC	319-85-7	36	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Chlordane, total	57-74-9	~	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Decachlorodibiphenyl		~	76.0	U	NT			73.3	U	NT		49.8	U	NT	65.9	U	NT	84.0	U	NT		47.2	U	NT	~	U	NT
delta-BHC	319-86-8	40	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Dieldrin	60-57-1	5	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Endosulfan I	959-98-8	2400	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Endosulfan II	33213-65-9	2400	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Endosulfan sulfate	1031-07-8	2400	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Endrin	72-20-8	14	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Endrin aldehyde	7421-93-4	~	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Endrin ketone	53494-70-5	~	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
gamma-BHC (Lindane)	58-89-9	100	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
gamma-Chlordane	5103-74-2	~	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Heptachlor	76-44-8	42	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Heptachlor epoxide	1024-57-3	~	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Methoxychlor	72-43-5	~	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Toxaphene	8001-35-2	~	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Tetrachloro-m-xylene		~	77.9	U	NT			74.3	U	NT		43.8	U	NT	60.6	U	NT	69.2	U	NT		57.8	U	NT	~	U	NT
Polychlorinated Biphenyls (PCB)			µg/kg						µg/kg						µg/kg				µg/kg						µg/kg		
Dilution Factor			1						1						1				1						1		
Aroclor 1016	12674-11-2	~	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Aroclor 1221	11104-28-2	~	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Aroclor 1232	11141-16-5	~	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Aroclor 1242	53469-21-9	~	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Aroclor 1248	12672-29-6	~	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Aroclor 1254	11097-69-1	~	0.312	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Aroclor 1260	11096-82-5	~	ND	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Total PCBs	1336-36-3	100	0.312	U	NT			ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT		ND	U	NT	ND	U	NT
Metals, Target Analyte			mg/kg						mg/kg						mg/kg				mg/kg						mg/kg		
Dilution Factor			1						1						1				1						1		
Aluminum	7429-90-5	~	6200		NT			4160		NT		13400		NT	12700		NT	8430		NT				9270		NT	
Antimony	7440-36-0	~	1.57					ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT				ND	U	NT	
Arsenic	7440-38-2	13	9.06		NT			2.69		NT		4.61		NT	3.90		NT	3.45		NT				2.78		NT	
Barium	7440-39-3	350	195					26.7		NT		35.0		NT	36.5		NT	20.8		NT				24.8		NT	
Beryllium	7440-41-7	7.2	ND	U				ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT				ND	U	NT	
Cadmium	7440-43-9	2.5	ND	U				ND	U	NT		ND	U	NT	ND	U	NT	ND	U	NT				ND	U	NT	
Calcium	7440-70-2	~	8450					971		NT		1220		NT	674		NT	529		NT				712		NT	
Chromium	7440-47-3	~	16.1		NT			9.81		NT		20.3		NT	17.0		NT	9.92		NT				12.0		NT	
Cobalt	7440-48-4	~	14.1																								

TABLE 10
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPC3 (0-18 ft)

Sample ID			C3 (0-3) Comp 14K0888-01 11/24/2014 15:00 Soil	C3 (0-3) Grab 14K0888-02 11/24/2014 15:00 Soil	C3 (3-6) Comp 14K0888-03 11/24/2014 15:00 Soil	C3 (3-6) Grab 14K0888-04 11/24/2014 15:00 Soil	C3 (6-9) Comp 14K0888-05 11/24/2014 15:00 Soil	C3 (6-9) Grab 14K0888-06 11/24/2014 15:00 Soil	C3 (9-12) Comp 14K0888-07 11/24/2014 15:00 Soil	C3 (9-12) Grab 14K0888-08 11/24/2014 15:00 Soil	C3 (12-15) Comp 14K0888-09 11/24/2014 15:00 Soil	C3 (12-15) Grab 14K0888-10 11/24/2014 15:00 Soil	C3 (15-18) Comp 14K0888-11 11/24/2014 15:00 Soil	C3 (15-18) Grab 14K0888-12 11/24/2014 15:00 Soil
Compound	CAS Number	Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Paint Filter Test			-		-		-		-		-		-	
Dilution Factor			1		1		1		1		1		1	
Paint Filter Test		~	No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT	
Reactivity-Cyanide			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor			1		1		1		1		1		1	
Reactivity - Cyanide		~	ND	U	NT		ND	U	NT		ND	U	NT	
Reactivity-Sulfide			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Dilution Factor			1		1		1		1		1		1	
Reactivity - Sulfide		~	64	U	NT		32	U	NT		56	U	NT	
TCLP Extraction for METALS EPA 1311			N/A		N/A		N/A		N/A		N/A		N/A	
Dilution Factor			1		1		1		1		1		1	
TCLP Extraction		~	Completed		NT		Completed		NT		Completed		NT	
Total Solids			%		%		%		%		%		%	
Dilution Factor			1		1		1		1		1		1	
% Solids	solids	~	87.1		85.3		90.3		81.8		77.6		79.3	

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

B=analyte found in the analysis batch blank

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

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

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

TABLE 11
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPD1 (0-18 ft)

Sample ID			D1 (0-3) Comp		D1 (0-3) Grab		D1 (3-6) Comp		D1 (3-6) Grab		D1 (6-9) Comp		D1 (6-9) Grab		D1 (9-12) Comp		D1 (9-12) Grab		D1 (12-15) Comp		D1 (12-15) Grab		D1 (15-18) Comp		D1 (15-18) Grab	
Work ID			14K0925-01		14K0925-02		14K0925-03		14K0925-04		14K0925-05		14K0925-06		14K0925-07		14K0925-08		14K0925-09		14K0925-10		14K0925-11		14K0925-12	
Sampling Date			11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00	
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number	Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Total Petroleum Hydrocarbons-GRO (C5-C10)			mg/kg				mg/kg				mg/kg				mg/kg				mg/kg				mg/kg			
Dilution Factor		~	100				100				100				100				100				100			
Total Petroleum Hydrocarbons-GRO		~	NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT		NT	U	NT	
Volatile Organics, NJDEP/TCL/Part 375 List		µg/kg			µg/kg				µg/kg				µg/kg				µg/kg			µg/kg				µg/kg		
Dilution Factor		~			1				1				1				1			1				1		
1,1,1,2-Tetrachloroethane	630-20-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,1-Trichloroethane	71-55-6	680	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,2,2-Tetrachloroethane	~	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1,2-Trichloroethane	79-00-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1-Dichloroethane	75-34-3	270	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,1-Dichloroethylene	75-35-4	330	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2,4-Trichlorobenzene	120-82-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2,4-Trimethylbenzene	95-63-6	3600	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dibromo-3-chloropropane	96-12-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dibromomethane	106-93-4	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dichlorobenzene	95-50-1	1100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dichloroethane	107-06-2	20	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,2-Dichloroethane-d4	~	~	NT		54.3		NT		50.9		NT		53.0		NT		51.0		NT		49.2		NT		51.6	
1,2-Dichloropropane	78-87-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,3,5-Trimethylbenzene	108-67-8	8400	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,3-Dichlorobenzene	541-73-1	2400	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,4-Dichlorobenzene	106-46-7	1800	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
1,4-Dioxane	123-91-1	100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
2-Butanone	78-93-3	120	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
2-Hexanone	591-78-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
4-Methyl-2-pentanone	108-10-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Acetone	67-64-1	50	NT		ND	J	NT		ND	U	NT		ND	J	NT		26	U	NT		23	U	NT		25	U
Acrolein	107-02-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Acrylonitrile	107-13-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Benzene	71-43-2	60	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Bromodichloromethane	75-27-4	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Bromoform	75-25-2	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Bromomethane	74-83-9	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Carbon disulfide	75-15-0	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Carbon tetrachloride	56-23-5	760	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chlorobenzene	108-90-7	1100	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chloroethane	~	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chloroform	67-66-3	370	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Chloromethane	~	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
cis-1,2-Dichloroethylene	156-59-2	250	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
cis-1,3-Dichloropropylene	10061-01-5	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Cyclohexane	~	~	NT		ND		NT		ND		NT		ND		NT		ND		NT		ND		NT		ND	
Dibromochloromethane	124-48-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Dibromomethane	74-95-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Dichlorodifluoromethane	75-71-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Ethyl Benzene	100-41-4	1000	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Hexachlorobutadiene	87-68-3	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Isopropylbenzene	98-82-8	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Methylcyclohexane	~	~	NT		ND		NT		ND		NT		ND		NT		ND		NT		ND		NT		ND	
Methyl acetate	79-20-9	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Methyl tert-butyl ether (MTBE)	1634-04-4	930	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
Methylene chloride	75-09-2	50	NT		21	J	NT		ND	J	NT		ND	J	NT		ND	J	NT		ND	J	NT		ND	J
n-Butylbenzene	104-51-8	12000	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
n-Propylbenzene	103-65-1	3900	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		16000	U	NT		1300	U
p-Bromofluorobenzene	~	~	NT		80.1	U	NT		54.9		NT		49.0		NT		51.1		NT		50.6		NT		48.1	
o-Xylene	95-47-6	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
p- & m- Xylenes	179601-23-1	~	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U
p-Isopropyltoluene	99-87-6	~	NT		ND	U	NT																			

TABLE 11
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPD1 (0-18 ft)

Sample ID			D1 (0-3) Comp		D1 (0-3) Grab		D1 (3-6) Comp		D1 (3-6) Grab		D1 (6-9) Comp		D1 (6-9) Grab		D1 (9-12) Comp		D1 (9-12) Grab		D1 (12-15) Comp		D1 (12-15) Grab		D1 (15-18) Comp		D1 (15-18) Grab	
Work ID			14K0925-01		14K0925-02		14K0925-03		14K0925-04		14K0925-05		14K0925-06		14K0925-07		14K0925-08		14K0925-09		14K0925-10		14K0925-11		14K0925-12	
Sampling Date			11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00	
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number	Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, NDEP/TCL/Part 375 List		µg/Kg	µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
Dilution Factor	1		1																							
1,1'-Biphenyl	92-52-4	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
1,2,4-Trichlorobenzene	120-82-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
1,2-Dichlorobenzene	95-50-1	1100	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
1,3-Dichlorobenzene	541-73-1	2400	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
1,4-Dichlorobenzene	106-46-7	1800	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2,4,5-Trichlorophenol	95-95-4	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2,4,6-Trichlorophenol	88-06-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2,4,6-Tribromophenol	~	1650	U	NT		1410	U	NT		132	U	NT		1150	U	NT		1210	U	NT		3470	U	NT		
2,4-Dichlorophenol	120-83-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2,4-Dimethylphenol	105-67-9	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2,4-Dinitrophenol	51-28-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2,4-Dinitrotoluene	121-14-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2,6-Dinitrotoluene	606-20-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2-Chloronaphthalene	91-58-7	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2-Chlorophenol	95-57-8	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2-Fluorophenol	~	729	U	NT		1010	U	NT		328	U	NT		625	U	NT		655	U	NT		1490	U	NT		
2-Fluorobiphenyl	~	1460	U	NT		1330	U	NT		850	U	NT		988	U	NT		918	U	NT		2060	U	NT		
2-Methylnaphthalene	91-57-6	~	203	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2-Methylphenol	95-48-7	330	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2-Nitroaniline	88-74-4	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
2-Nitrophenol	88-75-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
3- & 4-Methylphenols	65794-96-9	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
3,3'-Dichlorobenzidine	91-94-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
3-Nitroaniline	99-09-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
4,6-Dinitro-2-methylphenol	534-52-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
4-Bromophenyl phenyl ether	101-55-3	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
4-Chloroaniline	106-47-8	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
4-Chlorophenyl phenyl ether	7005-72-3	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
4-Nitroaniline	100-01-6	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
4-Nitrophenol	100-02-7	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Acenaphthene	83-32-9	20000	ND	U	NT		157	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Acenaphthylene	208-96-8	100000	ND	J	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Acetophenone	98-86-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Anthracene	120-12-7	100000	314	U	NT		461	U	NT		ND	U	NT		ND	JD	NT		ND	JD	NT		ND	JD	NT	
Atrazine	1912-24-9	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Benzaldehyde	100-52-7	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Benzidine	92-87-5	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Benzo(a)anthracene	56-55-3	1000	574	J	NT		1010	J	NT		ND	J	NT		ND	D	NT		ND	D	NT		ND	D	NT	
Benzo(a)pyrene	50-32-8	1000	299	J	NT		584	J	NT		ND	J	NT		ND	D	NT		ND	D	NT		ND	D	NT	
Benzo(b)fluoranthene	205-99-2	1000	303	J	NT		578	J	NT		ND	J	NT		ND	D	NT		ND	D	NT		ND	D	NT	
Benzo(g,h,i)perylene	191-24-2	100000	281	J	NT		295	U	NT		ND	U	NT		ND	JD	NT		ND	JD	NT		ND	JD	NT	
Benzo(k)fluoranthene	207-08-9	800	351	J	NT		625	J	NT		ND	J	NT		ND	D	NT		ND	D	NT		ND	D	NT	
Benzoic acid	65-85-0	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Benzyl butyl phthalate	85-68-7	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Bis(2-chloroethoxy)methane	111-91-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Bis(2-chloroethoxy)ether	111-44-4	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Bis(2-chloroisopropyl)ether	108-60-1	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Bis(2-ethylhexyl)phthalate	117-81-7	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Caprolactam	105-60-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Carbazole	86-74-8	~	136	U	NT		185	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Chrysene	218-01-9	1000	1080	J	NT		1240	J	NT		ND	J	NT		ND	D	NT		ND	D	NT		ND	D	NT	
Cyclohexane	~	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Dibenzo(a,h)anthracene	~	~	ND	U	NT		154	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Dibenzofuran	132-64-9	7000	ND	U	NT		142	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Diethyl phthalate	84-66-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Dimethyl phthalate	131-11-3	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Di-n-butyl phthalate	84-74-2	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Di-n-octyl phthalate	117-84-0	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Fluoranthene	206-44-0	100000	1930	U	NT		2360	J	NT		ND	U	NT		ND	D	NT		ND	D	NT		ND	D	NT	
Fluorene	86-73-7	30000	ND	U	NT		168	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Hexachlorobenzene	118-74-1	330	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Hexachlorobutadiene	87-68-3	~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Hexachlorocyclopentadiene	77-47-4	~	ND	U	NT		ND	U	NT		ND	U	NT													

TABLE 11
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPD1 (0-18 ft)

Sample ID			D1 (0-3) Comp		D1 (0-3) Grab		D1 (3-6) Comp		D1 (3-6) Grab		D1 (6-9) Comp		D1 (6-9) Grab		D1 (9-12) Comp		D1 (9-12) Grab		D1 (12-15) Comp		D1 (12-15) Grab		D1 (15-18) Comp		D1 (15-18) Grab			
Work ID			14K0925-01		14K0925-02		14K0925-03		14K0925-04		14K0925-05		14K0925-06		14K0925-07		14K0925-08		14K0925-09		14K0925-10		14K0925-11		14K0925-12			
Sampling Date			11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00		11/25/2014 15:00			
Client Matrix			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil			
Compound	CAS Number	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q		
Total Petroleum Hydrocarbons-DRO (C10-C28)			mg/kg						mg/kg						mg/kg				mg/kg						mg/kg			
Dilution Factor			1						1						1				1						1			
Total Petroleum Hydrocarbons-DRO			~	NT		NT		NT		NT		NT		NT	U	NT		NT	U	NT		NT		NT	U	NT		
Herbicides, NJDEP/TCL/Part 375 List			mg/kg						mg/kg						mg/kg				mg/kg						mg/kg			
Dilution Factor			1						1						1				1						1			
2,4,5-T			~	93-76-5	NT	U	NT		NT	U	NT		NT	U	NT	U	NT		NT	U	NT			NT	U	NT		
2,4,5-TP (Silvex)			3.8	93-72-1	NT	U	NT		NT	U	NT		NT	U	NT	U	NT		NT	U	NT			NT	U	NT		
2,4-D			~	94-75-7	NT	U	NT		NT	U	NT		NT	U	NT	U	NT		NT	U	NT			NT	U	NT		
Pesticides, NJDEP/TCL/Part 375 List			µg/kg						µg/kg						µg/kg				µg/kg						µg/kg			
Dilution Factor			5						5						5				5						5			
4,4'-DDD			3.3	72-54-8	ND	U	NT		ND	U	NT		ND	U	NT	U	NT		ND	U	NT			ND	U	NT		
4,4'-DDE			3.3	72-55-9	ND	U	NT		ND	U	NT		ND	U	NT	U	NT		ND	U	NT			ND	U	NT		
4,4'-DDT			3.3	50-29-3	ND	U	NT		ND	U	NT		ND	U	NT	U	NT		ND	U	NT			ND	U	NT		
Aldrin			5	309-00-2	ND	U	NT		ND	U	NT		ND	U	NT	U	NT		ND	U	NT			ND	U	NT		
alpha-BHC			20	319-84-6	ND	U	NT		ND	U	NT		ND	U	NT	U	NT		ND	U	NT			ND	U	NT		
alpha-Chlordane			94	5103-71-9	ND	U	NT		ND	U	NT		ND	U	NT	U	NT		ND	U	NT			ND	U	NT		
beta-BHC			36	319-85-7	ND	U	NT		ND	U	NT		ND	U	NT	U	NT		ND	U	NT			ND	U	NT		
Chlordane, total			~	57-74-9	ND	U	NT		ND	U	NT		ND	U	NT	U	NT		ND	U	NT			ND	U	NT		
Decachlorodibiphenyl			~		41.6	U	NT		47.2	U	NT		49.7	U	NT	54.0	U	NT		55.1	U	NT			55.5	U	NT	
delta-BHC			40	319-86-8	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Dieldrin			5	60-57-1	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Endosulfan I			2400	959-98-8	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Endosulfan II			2400	33213-65-9	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Endosulfan sulfate			2400	1031-07-8	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Endrin			14	72-20-8	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Endrin aldehyde			~	7421-93-4	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Endrin ketone			~	53494-70-5	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
gamma-BHC (Lindane)			100	58-89-9	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
gamma-Chlordane			~	5103-74-2	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Heptachlor			42	76-44-8	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Heptachlor epoxide			~	1024-57-3	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Methoxychlor			~	72-43-5	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Toxaphene			~	8001-35-2	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Tetrachloro-m-xylene			~		44.6	U	NT		52.1	U	NT		56.0	U	NT	63.3	U	NT		57.8	U	NT			63.3	U	NT	
Polychlorinated Biphenyls (PCB)			µg/kg						µg/kg						µg/kg				µg/kg						µg/kg			
Dilution Factor			1						1						1				1						1			
Aroclor 1016			~	12674-11-2	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Aroclor 1221			~	11104-28-2	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Aroclor 1232			~	11141-16-5	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Aroclor 1242			~	53469-21-9	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Aroclor 1248			~	12672-29-6	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Aroclor 1254			~	11097-69-1	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Aroclor 1260			~	11096-82-5	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Total PCBs			100	1336-36-3	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Metals, Target Analyte			mg/kg						mg/kg						mg/kg				mg/kg						mg/kg			
Dilution Factor			1						1						1				1						1			
Aluminum			~	7429-90-5	4370		NT		5650		NT		10800		NT	8930		NT		3570		NT			13000		NT	
Antimony			~	7440-36-0	1.90		NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Arsenic			13	7440-38-2	18.6		NT		8.95		NT		4.68		NT	3.34		NT		1.54		NT			3.48		NT	
Barium			350	7440-39-3	164		NT		133		NT		93.2		NT	42.2		NT		23.7		NT			56.6		NT	
Beryllium			~	7440-41-7	7.2	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT
Cadmium			2.5	7440-43-9	2.21		U	NT		0.628		U	NT		ND	U	NT		ND	U	NT				ND	U	NT	
Calcium			~	7440-70-2	37200		NT		76800		NT		3920		NT	3150		NT		2570		NT			2690		NT	
Chromium			~	7440-47-3	16.8		NT		11.5		NT		15.8		NT	13.9		NT		10.1		NT			14.9		NT	
Cobalt			~	7440-48-4	6.06		NT		5.06		NT		7.64		NT	6.99		NT		4.49		NT			7.66		NT	
Copper			50	7440-50-8	181		NT		70.1		NT		27.2		NT	14.7		NT		6.79		NT			11.0		NT	
Iron			~	7439-89-6	24200		NT		11900		NT		17400		NT	17200		NT		11900		NT			15400		NT	
Lead			63	7439-92-1	347		NT		212		NT		138		NT	9.73		NT		2.93		NT			11.1		NT	
Magnesium			~	7439-95-4	2040		NT		1870		NT		2570		NT	2350		NT		1140		NT			2220		NT	
Manganese			1600	7439-96-5	207		NT		184		NT		336		NT	263		NT		113		NT			265		NT	
Nickel			30	7440-02-0	22.2		NT		14.0		NT		15.0		NT	14.5		NT		8.46		NT			15.3		NT	
Potassium			~	7440-09-7	539		NT		976		NT		1070		NT	1170		NT		625		NT			610		NT	
Selenium			~	7782-49-2	6.80		NT		4.01		NT		4.43		NT	4.94		NT		2.94		NT			5.45		NT	
Silver			2	7440-22-4	ND	U	NT		ND	U	NT		ND	U	NT	ND	U	NT		ND	U	NT			ND	U	NT	
Sodium			~	7440-23-5	298		NT		617		NT		205		NT	139		NT		81.1		NT			140		NT	
Thallium																												

TABLE 11
25 Kent Avenue
Brooklyn, NY
Waste Characterization Results, TPD1 (0-18 ft)

Sample ID			D1 (0-3) Comp 14K0925-01 11/25/2014 15:00 Soil		D1 (0-3) Grab 14K0925-02 11/25/2014 15:00 Soil		D1 (3-6) Comp 14K0925-03 11/25/2014 15:00 Soil		D1 (3-6) Grab 14K0925-04 11/25/2014 15:00 Soil		D1 (6-9) Comp 14K0925-05 11/25/2014 15:00 Soil		D1 (6-9) Grab 14K0925-06 11/25/2014 15:00 Soil		D1 (9-12) Comp 14K0925-07 11/25/2014 15:00 Soil		D1 (9-12) Grab 14K0925-08 11/25/2014 15:00 Soil		D1 (12-15) Comp 14K0925-09 11/25/2014 15:00 Soil		D1 (12-15) Grab 14K0925-10 11/25/2014 15:00 Soil		D1 (15-18) Comp 14K0925-11 11/25/2014 15:00 Soil		D1 (15-18) Grab 14K0925-12 11/25/2014 15:00 Soil	
Client Matrix	CAS Number	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Paint Filter Test			1				1				1				1				1				1			
Dilution Factor			No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT		No Free Liquid		NT	
Reactivity-Cyanide		~	mg/kg				mg/kg				mg/kg				mg/kg				mg/kg				mg/kg			
Dilution Factor			1				1				1				1				1				1			
Reactivity - Cyanide		~	ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT		ND	U	NT	
Reactivity-Sulfide			mg/kg				mg/kg				mg/kg				mg/kg				mg/kg				mg/kg			
Dilution Factor			1				1				1				1				1				1			
Reactivity - Sulfide		~	40	U	NT		64	U	NT		48	U	NT		64	U	NT		56	U	NT		56	U	NT	
TCLP Extraction for METALS EPA 1311			N/A				N/A				N/A				N/A				N/A				N/A			
Dilution Factor			1				1				1				1				1				1			
TCLP Extraction		~	Completed		NT		Completed		NT		Completed		NT		Completed		NT		Completed		NT		Completed		NT	
Total Solids			%				%				%				%				%				%			
Dilution Factor			1				1				1				1				1				1			
% Solids	solids	~	82.9		82.1		82.6		82.5		86.2		90.4		82.7		87.9		80.7		84.9		74.2		83.7	

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

B=analyte found in the analysis batch blank

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

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

~this indicates that no regulatory limit has been established for this analyte

TABLE 16
25 Kent Avenue
Brooklyn, New York
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value (µg/m³) ^(a)	NYSDOH Soil Outdoor Background Levels (µg/m³) ^(b)	SG-1 (µg/m³)		SG-2 (µg/m³)		SG-3 (µg/m³)		SG-4 (µg/m³)		SG-5 (µg/m³)		SG-6 (µg/m³)		SG-7 (µg/m³)		SG-8 (µg/m³)		SG-9 (µg/m³)		SG-10 (µg/m³)		SG-11 (µg/m³)		SG-12 (µg/m³)		SG-13 (µg/m³)		SG-14 (µg/m³)					
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL				
1,1,1,2-Tetrachloroethane	100	<2.0 - 2.8	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1				
1,1,1-Trichloroethane			<1.00	1	3.27	1	2.62	1	105	1	284	1	<1.00	1	6.54	1	24.8	1	1.85	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	8.18	1		
1,1,2,2-Tetrachloroethane			<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1		
1,1,2-Trichloroethane			<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1		
1,1-Dichloroethane	NA	<1.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	1.66	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1		
1,1-Dichloroethene			<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1		
1,2,4-Trichlorobenzene			<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1		
1,2,4-Trimethylbenzene			<1.0	2.6	1	2.6	1	2.31	1	2.11	1	2.36	1	2.01	1	3.64	1	2.16	1	4.52	1	2.85	1	<1.00	1	3.19	1	2.01	1	3.34	1			
1,2-Dibromoethane	NA	<1.5	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1		
1,2-Dichlorobenzene			<2.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1			
1,2-Dichloroethane			<1.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	
1,2-Dichloropropane			<1.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	
1,2-Dichlorotetrafluoroethane	NA	<1.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1		
1,3,5-Trimethylbenzene			<1.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	1.03	1	<1.00	1	1.28	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	
1,3-Butadiene			NA	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	
1,3-Dichlorobenzene			<2.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	
1,4-Dichlorobenzene	NA	<2.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1		
1,4-Dioxane			<1.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	
2-Hexanone			<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1
4-Ethyltoluene			NA	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	1.18	1	<1.00	1	1.18	1	<1.00	1	<1.00	1	1.03	1	<1.00	1	<1.00	1	
4-Isopropyltoluene	NA	<1.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1		
4-Methyl-2-pentanone			<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1		
Acetone			NA	85.7	1	124	1	<1.01	1	153	1	<1.00	1	65	1	227	1	198	1	180	1	47.5	1	335	1	249	1	163	1	175	1			
Acrylonitrile			<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1
Benzene	NA	<1.6 - 4.7	3.67	1	1.63	1	260	1	8.24	1	1.4	1	1.18	1	75	1	3.58	1	27.7	1	<1.00	1	<1.00	1	252	1	9.07	1	28.7	1	<1.00	1		
Benzyl Chloride			NA	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	
Bromodichloromethane			<5.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	
Bromoform			<1.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	
Bromomethane	NA	<1.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1		
Carbon Disulfide			1.68	1	3.17	1	5.79	1	1.77	1	6.53	1	<1.00	1	7.81	1	23	1	20.5	1	4.45	1	193	1	9.71	1	14.1	1	2.3	1				
Carbon Tetrachloride			5	<3.1	0.377	0.25	<1.00	0.25	2.07	0.25	<0.27	0.25	<0.25	0.25	<0.25	0.25	<0.25	0.25	0.251	0.25	0.503	0.25	0.440	0.25	<0.25	0.25	<0.25	0.25	<0.26	0.25	0.44	0.25		
Chlorobenzene			<2.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	
Chloroethane	NA	<2.4	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1		
Chloroform			<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1		
Chloromethane			<1.0 - 1.4	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	
cis-1,2-Dichloroethene			<1.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	
cis-1,3-Dichloropropene	NA	<1.0	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1	<1.00	1		
Cyclohexane			1.03	1	2.79	1	332	1	3.75	1	5.78	1	2.41	1	19.6	1	3.30	1	<1.01	1	11.4	1	36500	1	88.1	1	15.8	1	1.75	1	<1.00	1		
Dibromochloromethane			<5.0	<1.00	1	<1.00	1	<1.																										

TABLE 17
25 Kent Avenue
Brooklyn, NY
Parameters Detected Above Track 1 Soil Cleanup Objectives
Test Pits A1-A3

COMPOUND	Range in Exceedances	Frequency of Detection	Test Pit A1				Test Pit A2				Test Pit A3			
			11/20/2014				11/20/2014				11/20/2014			
			(0-3')	(3-6')	(6-9')	(9-12')	(0-3')	(3-6')	(6-9')	(9-12')	(0-3')	(3-6')	(6-9')	(9-12')
Sample Results in ug/kg														
1,2,4-Trimethylbenzene	4,900-170,000	4	-	-	-	-	-	-	-	-	-	-	4,900	-
1,3,5-Trimethylbenzene	9,500-45,000	3	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	47.3-48.3	2	48.3	-	-	-	47.3	-	-	-	-	-	-	-
2-Butanone	160	1	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	59-6,700	11	-	-	-	-	-	-	-	-	-	-	3,500	-
Ethyl Benzene	2,100-3,300	2	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	15,000-22,000	3	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	4,200-25,000	6	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	13,000-16,000	2	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes Total	15,000-29,000	4	-	-	-	-	-	-	-	-	-	-	-	-
Sample Results in ug/kg														
Benzo(a)anthracene	1,000-29,200	14	4,670	1,980	-	-	4,670	-	9,280	-	1590	3090	-	-
Benzo(a)pyrene	1,060-13,600	9	2,530	1,470	-	-	-	-	4,360	-	-	1480	-	-
Benzo(b)fluoranthene	1,220-12,100	9	2,700	1,580	-	-	-	-	3,670	-	-	1430	-	-
Benzo(k)fluoranthene	952-13,100	9	2,630	1,550	-	-	-	-	4,140	-	-	1610	-	-
Chrysene	1,080-20,700	13	-	2,230	-	-	-	-	7,020	-	1460	3810	1,300	-
Dibenzo(a,h)anthracene	552	1	-	552	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	557-6,200	8	2510	964	-	-	-	-	1,970	-	-	923	-	-
Naphthalene	13,900	1	-	-	-	-	-	-	-	-	-	-	13900	-
Sample Results in mg/kg														
Arsenic	13-1800	18	18.5	95	-	-	15.6	13	1,800	854	65.6	24.5	212	70.4
Barium	360-1320	3	-	360	-	-	-	1,320	-	-	-	-	-	-
Cadmium	2.6-4.63	2	-	4.63	-	-	-	2.6	-	-	-	-	-	-
Copper	53.3-580	17	92.1	245	-	-	105	53.3	500	212	116	112	580	273
Lead	70.8-9350	21	397	3,660	70.8	-	712	3,230	9,350	3,740	757	836	4,080	2,440
TCLP Lead *	6.90	1	-	-	-	-	6.90	-	-	-	-	-	-	-
Magnesium	590	1	590	-	-	-	-	-	-	-	-	-	-	-
Mercury	0.219-12.9	12	0.686	1.10	-	-	0.993	1.42	12.9	2.6	-	-	-	-
Selenium	3.90-48	21	5.22	10.5	-	-	-	-	27.80	48	3.92	4.41	5.74	-
Zinc	131-1870	18	491	1,240	-	-	507	1870	1110	465	596	228	159	-

Table 17
25 Kent Avenue
Brooklyn, NY
Parameters Detected Above Track 1 Soil Cleanup Objectives
Test Pits B1-B2

COMPOUND	Range in Exceedances	Frequency of Detection	Test Pit B1 11/20/2014					Test Pit B2 11/20/2014				
			(0-3')	(3-6')	(6-9')	(9-12')	(12-15')	(0-3')	(3-6')	(6-9')	(9-12')	(12-15')
Sample Results in ug/kg												
1,2,4-Trimethylbenzene	4,900-170,000	4	-	-	-	-	-	-	84,000	170,000	40000	-
1,3,5-Trimethylbenzene	9,500-45,000	3	-	-	-	-	-	-	21,000	45,000	9500	-
1,2-Dichloroethane	47.3-48.3	2	-	-	-	-	-	-	-	-	-	-
2-Butanone	160	1	-	-	-	-	-	-	-	-	-	-
Acetone	59-6,700	11	62	-	-	59	67	94	-	-	-	69
Ethyl Benzene	2,100-3,300	2	-	-	-	-	-	-	-	2,100	3300	-
n-Butylbenzene	15,000-22,000	3	-	22,000	-	-	-	-	17,000	15,000	-	-
n-Propylbenzene	4,200-25,000	6	-	25,000	-	-	-	-	12,000	20,000	4200	-
sec-Butylbenzene	13,000-16,000	2	-	-	-	-	-	-	-	13,000	-	-
Xylenes Total	15,000-29,000	4	-	19,000	-	-	-	-	17,000	29,000	15,000	-
Sample Results in ug/kg												
Benzo(a)anthracene	1,000-29,200	14	29,200	-	-	-	-	1,310	-	2,860	-	-
Benzo(a)pyrene	1,060-13,600	9	13,600	-	-	-	-	1,060	-	1,850	-	-
Benzo(b)fluoranthene	1,220-12,100	9	12,100	-	-	-	-	1,290	-	1,780	-	-
Benzo(k)fluoranthene	952-13,100	9	13,100	-	-	-	-	952	-	1,830	-	-
Chrysene	1,080-20,700	13	20,700	-	-	-	-	1,390	-	2,480	-	-
Dibenzo(a,h)anthracene	552	1	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	557-6,200	8	6200	-	-	-	-	557	-	-	-	-
Naphthalene	13,900	1	-	-	-	-	-	-	-	-	-	-
Sample Results in mg/kg												
Arsenic	13-1800	18	20.3	40	19	-	-	19.40	13.40	25.40	-	-
Barium	360-1320	3	-	-	-	-	-	-	-	-	-	-
Cadmium	2.6-4.63	2	-	-	-	-	-	-	-	-	-	-
Copper	53.3-580	17	107.0	106	-	-	-	148.0	-	-	-	-
Lead	70.8-9350	21	979	660	-	-	-	833	-	81.3	-	-
TCLP Lead *	6.90	1	-	-	-	-	-	-	-	-	-	-
Magnesium	590	1	-	-	-	-	-	-	-	-	-	-
Mercury	0.219-12.9	12	0.381	0.456	0.763	-	-	-	-	-	-	-
Selenium	3.90-48	21	4.81	-	3.92	-	-	6.03	-	-	-	-
Zinc	131-1870	18	622	467	-	-	-	695	-	-	-	-

* Results in ug/L

Table 17
25 Kent Avenue
Brooklyn, New York
Parameters Detected Above Track 1 Soil Cleanup Objectives
Test Pits C1-C3

COMPOUND	Range in Exceedances	Frequency of Detection	Test Pit C1 11/21/2014						Test Pit C2 11/21/2014						Test Pit C3 11/21/2015					
			(0-3')	(3-6')	(6-9')	(9-12')	(12-15')	(15-18')	(0-3')	(3-6')	(6-9')	(9-12')	(12-15')	(15-18')	(0-3')	(3-6')	(6-9')	(9-12')	(12-15')	(15-18')
Sample Results in ug/kg																				
1,2,4-Trimethylbenzene	4,900-170,000	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,3,5-Trimethylbenzene	9,500-45,000	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,2-Dichloroethane	47.3-48.3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2-Butanone	160	1	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Acetone	59-6,700	11	390	810	1,400	-	-	-	-	-	-	-	-	-	-	6,700	3,200	-	-	
Ethyl Benzene	2,100-3,300	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
n-Butylbenzene	15,000-22,000	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
n-Propylbenzene	4,200-25,000	6	-	-	-	-	-	-	-	-	-	-	-	-	-	14,000	-	-	-	
sec-Butylbenzene	13,000-16,000	2	-	-	-	-	-	-	-	-	-	-	-	-	-	16,000	-	-	-	
Xylenes Total	15,000-29,000	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sample Results in ug/kg																				
Benzo(a)anthracene	1,000-29,200	14	2,810	-	-	-	-	-	1,760	-	-	-	-	-	1,000	-	-	-	-	
Benzo(a)pyrene	1,060-13,600	9	2,630	-	-	-	-	-	1,170	-	-	-	-	-	-	-	-	-	-	
Benzo(b)fluoranthene	1,220-12,100	9	2,370	-	-	-	-	-	1,220	-	-	-	-	-	-	-	-	-	-	
Benzo(k)fluoranthene	952-13,100	9	2,430	-	-	-	-	-	1,190	-	-	-	-	-	-	-	-	-	-	
Chrysene	1,080-20,700	13	3,080	-	-	-	-	-	1,650	-	-	-	-	-	1,120	-	-	-	-	
Dibenzo(a,h)anthracene	552	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Indeno(1,2,3-cd)pyrene	557-6,200	8	1240	-	-	-	-	-	660	-	-	-	-	-	-	-	-	-	-	
Naphthalene	13,900	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sample Results in mg/kg																				
Arsenic	13-1800	18	49.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Barium	360-1320	3	1,260	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cadmium	2.6-4.63	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Copper	53.3-580	17	102.0	-	-	-	-	-	283	-	-	-	-	-	-	-	-	-	-	
Lead	70.8-9350	21	641	-	-	-	-	-	332	-	-	-	-	-	571	-	-	-	-	
TCLP Lead *	6.90	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Magnesium	590	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mercury	0.219-12.9	12	-	-	-	-	-	-	-	-	-	-	-	-	1.29	-	-	-	-	
Selenium	3.90-48	21	5.08	-	-	-	-	-	-	-	-	-	-	-	3.9	-	5.8	5.4	4.8	
Zinc	131-1870	18	963	-	-	-	131	-	323	-	-	-	-	-	244	-	-	-	-	

* Results in ug/L

Table 17
25 Kent Avenue
Brooklyn, New York
Parameters Detected Above Track 1 Soil Cleanup Objectives
Test Pit D1

COMPOUND	Range in Exceedances	Frequency of Detection	Test Pit D1 11/25/2014					
			(0-3')	(3-6')	(6-9')	(9-12')	(12-15')	(15-18')
Sample Results in ug/kg								
1,2,4-Trimethylbenzene	4,900-170,000	4	-	-	-	-	-	-
1,3,5-Trimethylbenzene	9,500-45,000	3	-	-	-	-	-	-
1,2-Dichloroethane	47.3-48.3	2	-	-	-	-	-	-
2-Butanone	160	1	-	-	-	-	-	-
Acetone	59-6,700	11	-	-	-	-	-	-
Ethyl Benzene	2,100-3,300	2	-	-	-	-	-	-
n-Butylbenzene	15,000-22,000	3	-	-	-	-	-	-
n-Propylbenzene	4,200-25,000	6	-	-	-	-	16,000	-
sec-Butylbenzene	13,000-16,000	2	-	-	-	-	-	-
Xylenes Total	15,000-29,000	4	-	-	-	-	-	-
Sample Results in ug/kg								
Benzo(a)anthracene	1,000-29,200	14	-	1,010	-	-	-	-
Benzo(a)pyrene	1,060-13,600	9	-	-	-	-	-	-
Benzo(b)fluoranthene	1,220-12,100	9	-	-	-	-	-	-
Benzo(k)fluoranthene	952-13,100	9	-	-	-	-	-	-
Chrysene	1,080-20,700	13	1,080	1,240	-	-	-	-
Dibenzo(a,h)anthracene	552	1	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	557-6,200	8	-	-	-	-	-	-
Naphthalene	13,900	1	-	-	-	-	-	-
Sample Results in mg/kg								
Arsenic	13-1800	18	19	-	-	-	-	-
Barium	360-1320	3	-	-	-	-	-	-
Cadmium	2.6-4.63	2	-	-	-	-	-	-
Copper	53.3-580	17	181	70.1	-	-	-	-
Lead	70.8-9350	21	347	212	138	-	-	-
TCLP Lead *	6.90	1	-	-	-	-	-	-
Magnesium	590	1	-	-	-	-	-	-
Mercury	0.219-12.9	12	0.478	0.219	-	-	-	-
Selenium	3.90-48	21	6.80	4.01	4.43	4.94	-	5.45
Zinc	131-1870	18	615	329	-	-	-	-

* Results in ug/L

TABLE 18
810 River Avenue
Bronx, NY
Parameters Detected Above Ambient Water Quality Standards

VOCs

COMPOUND	Range in Detections	SW1 2/22/2013	MW3 2/13/2013	MW3 2/22/2013	MW4 2/23/2013	MW8 2/24/2013	MW10 2/25/2013	MW10 Duplicate 2/26/2013
<i>Sample Results in (µg/L)</i>								
Chloroform	6.6-179	-	-	10.5	10.9	6.6	179	173
cis-1,2-Dichloroethene	77.3-292	-	-	265	161	77.3	292	269
Tetrachloroethene	5.1-223	-	-	13.7	223	135		5.1
Trichloroethene	51-135	-	-	135	135	51	125	118

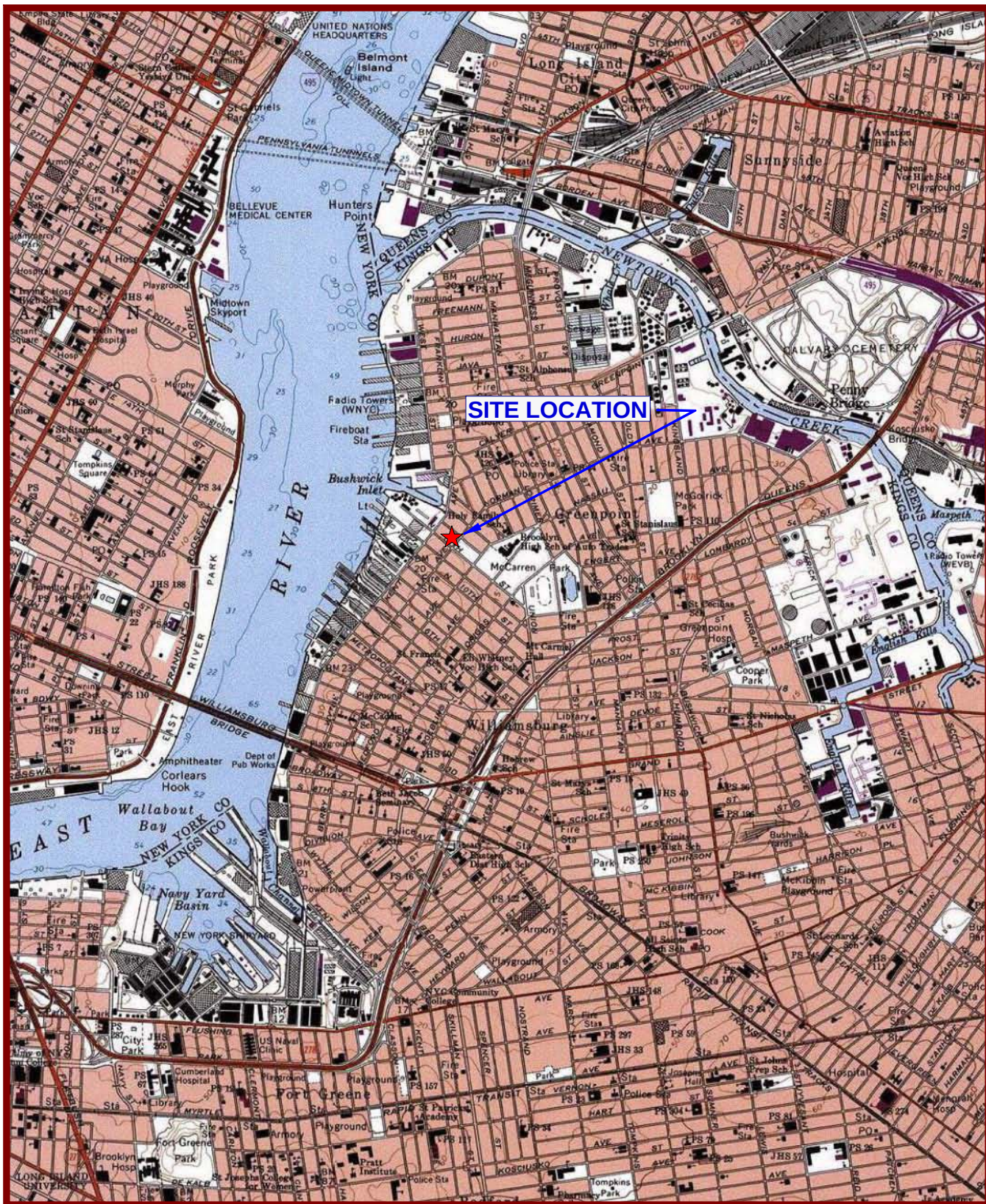
Metals (dissolved)

COMPOUND	Range in Detections	SW1 2/22/2013	MW3 2/13/2013	MW3 2/22/2013	MW4 2/23/2013	MW8 2/24/2013	MW10 2/25/2013	MW10 Duplicate 2/26/2013
<i>Sample Results in (µg/L)</i>								
Manganese	1,580	1,580	-	-	-	-	-	-

Metals (total)

COMPOUND	Range in Detections	SW1 2/22/2013	MW3 2/13/2013	MW3 2/22/2013	MW4 2/23/2013	MW8 2/24/2013	MW10 2/25/2013	MW10 Duplicate 2/26/2013
<i>Sample Results in (µg/L)</i>								
Beryllium	3.2	-	-	-	-	3.2	-	-
Chromium , Trivalent	58.6	-	58.6	-	-	-	-	-
Chromium	109	-	-	-	-	109	-	-
Manganese	336-1,600	1,600	-	336	-	1,310	-	-

FIGURES



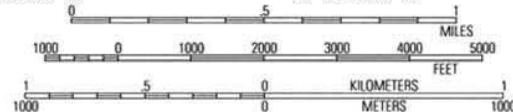
40°45.00' N
40°44.00' N
40°43.00' N
40°42.00' N

73°59.00' W

73°58.00' W

73°57.00' W

WGS84 73°56.00' W



MN TN
13°
06/04/11

USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet

BC
ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

FORMER SUNBELT EQUIPMENT
25 KENT AVENUE, BROOKLYN, NY

FIGURE 1

SITE LOCATION MAP





NORTH 13th STREET

SIDEWALK

SIDEWALK

TPA1



TPB1



TPC1



TPD1



TPA2



TPB2



TPC2



TPA3



TPC3

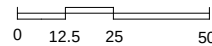


KENT AVENUE

WYTHE AVENUE

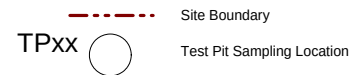
NORTH 12th STREET

SCALE



1 inch = 50 feet

KEY:



EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

Figure No.
3

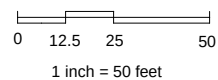
Site Name: **SUNBELT RENTALS**

Site Address: **25 KENT AVENUE, BROOKLYN, NY 11249**

Drawing Title: **TEST PIT SAMPLING LOCATIONS**



SCALE



KEY:

- Site Boundary
- MWX Groundwater Sampling Location
- SGX Soil Gas Sampling Location

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

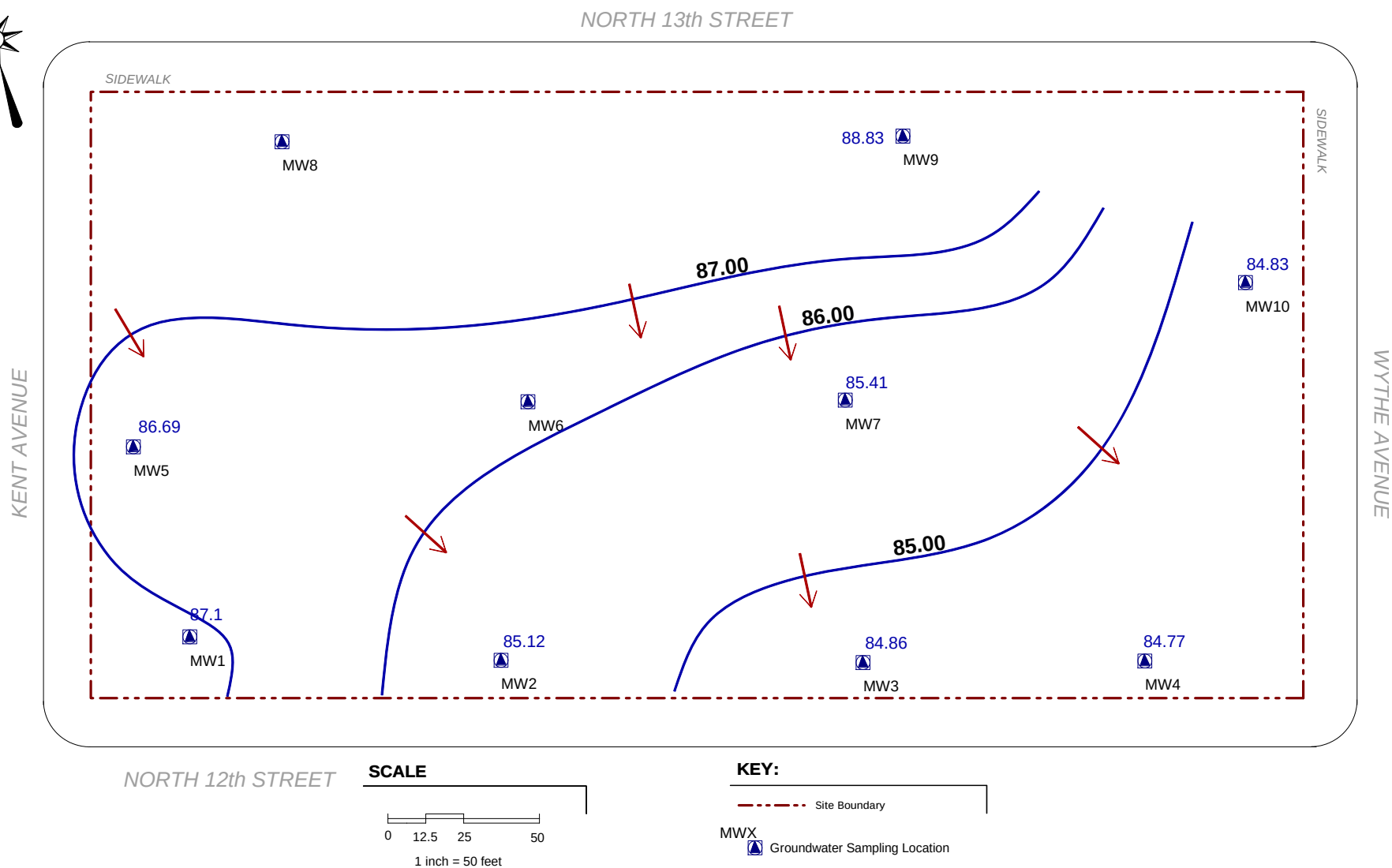
Phone 631.504.6000
Fax 631.924.2870

Figure No.
4

Site Name: **FORMER SUNBELT EQUIPMENT SITE**

Site Address: **25 KENT AVENUE, BROOKLYN, NY 11249**

Drawing Title: **SOIL GAS AND MONITORING WELL LOCATIONS**



ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

Figure No.
5

Site Name: **FORMER SUNBELT EQUIPMENT SITE**

Site Address: **25 KENT AVENUE, BROOKLYN, NY 11249**

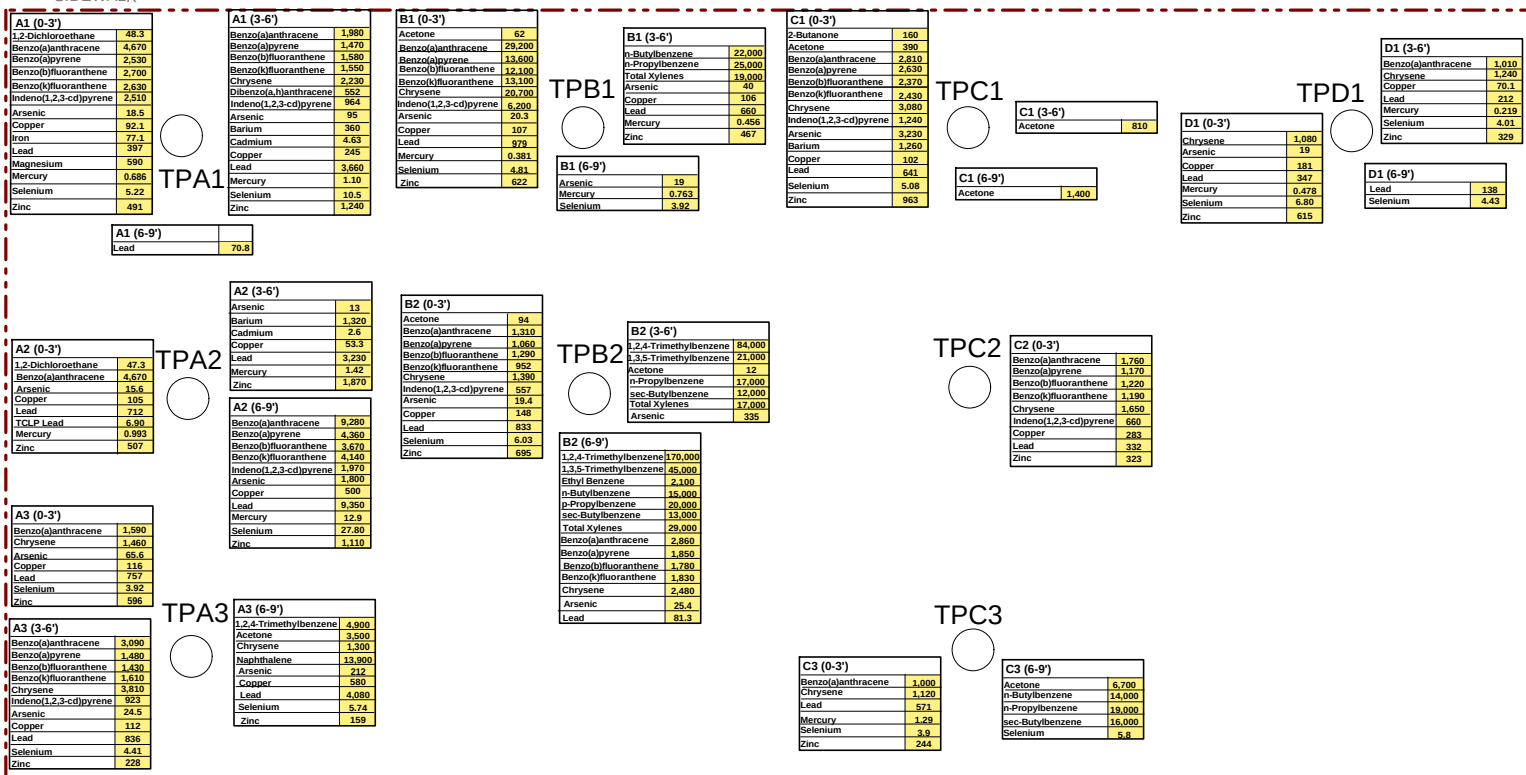
Drawing Title: **GROUNDWATER ELEVATION AND FLOW MAP (12/22/14)**



KENT AVENUE

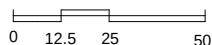
NORTH 13th STREET

SIDEWALK



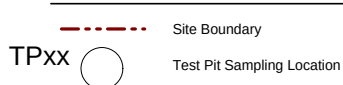
NORTH 12th STREET

SCALE



1 inch = 50 feet

KEY:



IBC

Environmental Business Consultants

Phone 631.504.6000
Fax 631.924.2870

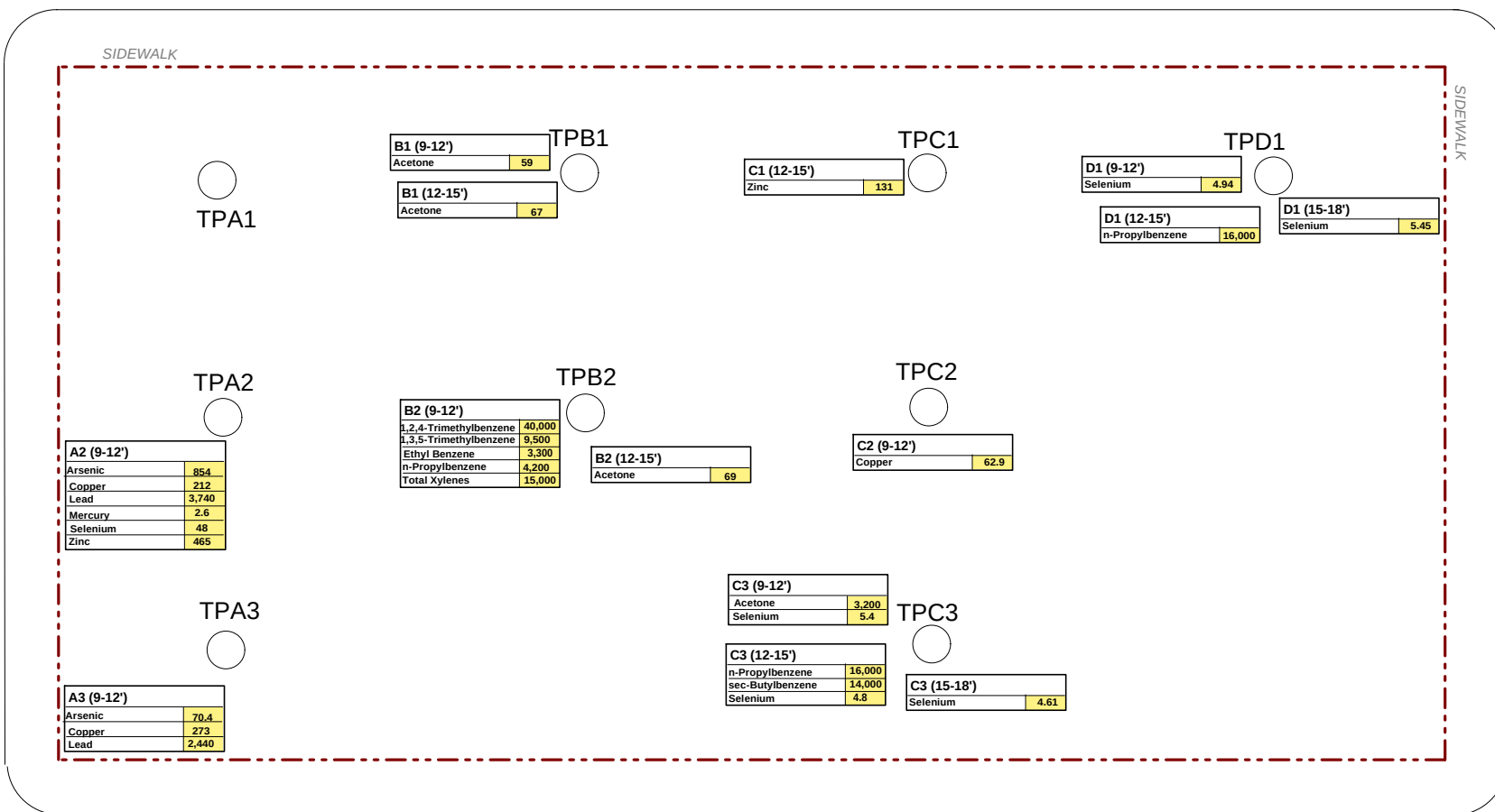
Figure No.
6A

Site Name: Sunbelt Rentals
Site Address: 25 Kent Avenue, Brooklyn, NY 11249
Drawing Title: Shallow Soil Exceedences



KENT AVENUE

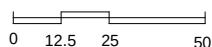
NORTH 13th STREET



WYTHE AVENUE

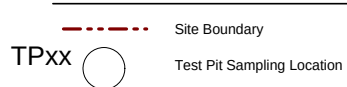
NORTH 12th STREET

SCALE



1 inch = 50 feet

KEY:



IBC

Environmental Business Consultants

Phone 631.504.6000
Fax 631.924.2870

Figure No.
6B

Site Name: Sunbelt Rentals
Site Address: 25 Kent Avenue, Brooklyn, NY 11249
Drawing Title: Deep Soil Exceedences



NORTH 13th STREET

SIDEWALK

SG10

SG11

SG12

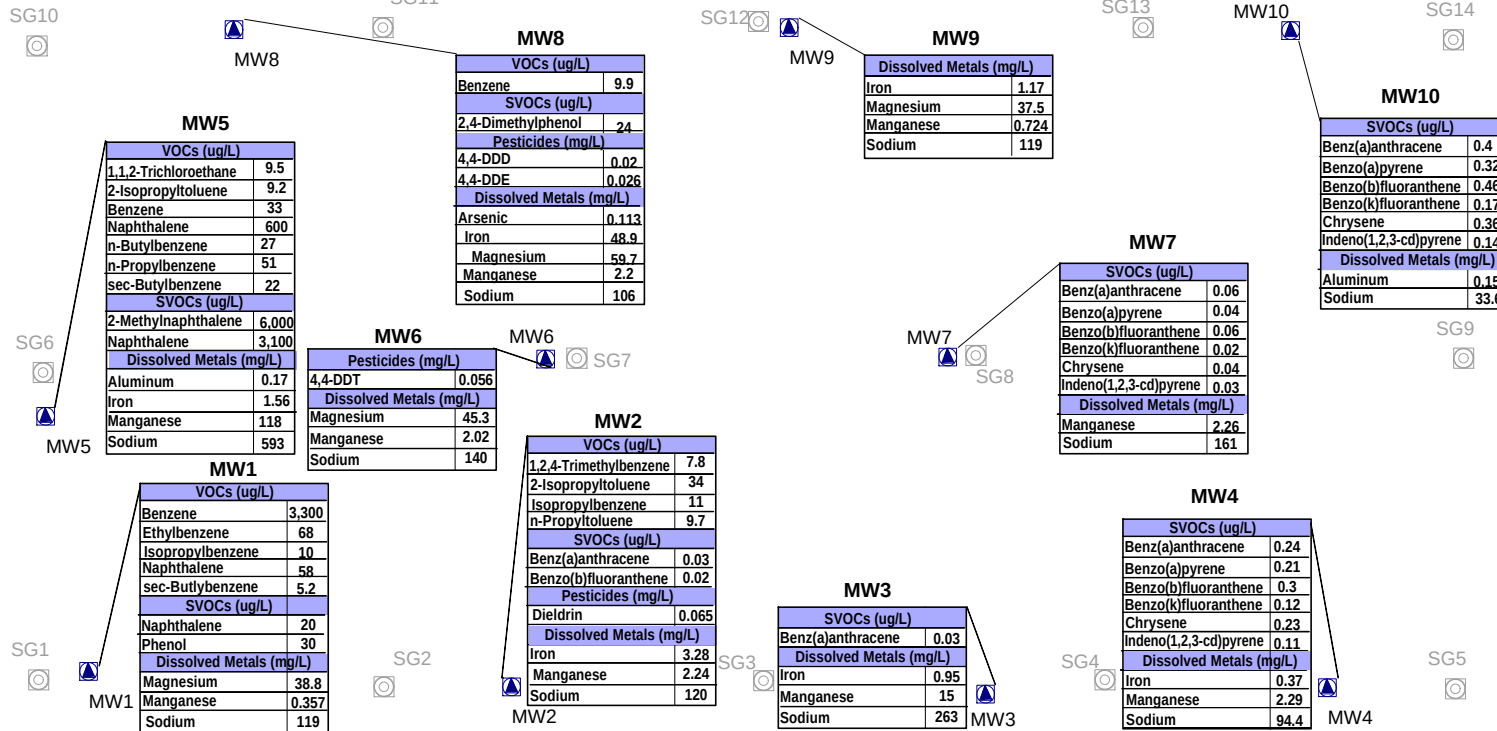
SG13

SG14

SIDEWALK

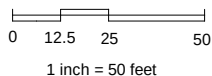
WYTHE AVENUE

KENT AVENUE



NORTH 12th STREET

SCALE



KEY:

--- Site Boundary

MWX

Groundwater Sampling Location

SGX

Soil Gas Sampling Location

EB

ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

Figure No.
7

Site Name: FORMER SUNBELT EQUIPMENT

Site Address: 25 KENT AVENUE, BROOKLYN, NY 11249

Drawing Title: GROUNDWATER RESULTS ABOVE AWQS



NORTH 13th STREET

SIDEWALK

SG14

SG10

1,2,4-Trimethylbenzene	2.85
Acetone	47.5
Carbon Disulfide	4.45
Carbon Tetrachloride	0.440
Cyclohexane	11.4
Dichlorodifluoromethane	2.17
Ethanol	23.2
Ethylbenzene	4.99
Heptane	84
Hexane	10.9
Isopropylalcohol	28.2
Xylene (m&p)	15.8
Methylene Chloride	1.22
Xylene (o)	5.25
Propylene	1.79
Tetrachloroethene	0.407
Toluene	11.6
Trichlorofluoromethane	1.35

SG10

SG6

1,2,4-Trimethylbenzene	2.01
Acetone	65
Benzene	1.18
Cyclohexane	2.41
Dichlorodifluoromethane	1.58
Ethanol	21.8
Ethylbenzene	3.69
Heptane	1.68
Hexane	8.77
Isopropylalcohol	19
Xylene (m&p)	12.4
Methyl Ethyl Ketone	1.33
Methylene Chloride	13.9
Tetrachloroethene	0.746
Toluene	11.4

MW8

SG11

Acetone	335
Carbon Disulfide	193
Cyclohexane	36500
Heptane	979
Hexane	5600
Propylene	1180

SG7

1,1,1-Trichloroethane	6.54
1,1-Dichloroethane	1.66
1,2,4-Trimethylbenzene	3.64
1,3,5-Trimethylbenzene	1.03
4-Ethyltoluene	1.18
Acetone	227
Benzene	75
Carbon Disulfide	7.81
Chloroform	1.71
Cyclohexane	19.6
Dichlorodifluoromethane	2.52
Ethanol	46.9
Ethylbenzene	12.8
Heptane	69.6
Hexane	44.7
Isopropylalcohol	44.2
Xylene (m&p)	38.4
Methyl Ethyl Ketone	13.2
MTBE	6.74
Methylene Chloride	1.01
Xylene (o)	13.8
Propylene	7.02
Tetrachloroethene	67.8
Toluene	145
Trichloroethene	6.12

SG7

MW6

SG12

1,2,4-Trimethylbenzene	3.19
4-Ethyltoluene	1.03
Acetone	249
Benzene	252
Carbon Disulfide	9.71
Chloroform	2.39
Cyclohexane	88.1
Dichlorodifluoromethane	2.08
Ethanol	55.7
Ethylbenzene	5.94
Heptane	36.3
Hexane	83.5
Isopropylalcohol	30.2
Xylene (m&p)	20.1
Methyl Ethyl Ketone	5.25
Xylene (o)	8.33
Propylene	227
Tetrachloroethene	1.63
Toluene	60.2

SG12

MW9

SG8

1,1,1-Trichloroethane	24.8
1,2,4-Trimethylbenzene	2.16
Acetone	198
Benzene	3.58
Carbon Disulfide	23
Carbon Tetrachloride	0.251
Cyclohexane	3.30
Dichlorodifluoromethane	1.78
Ethanol	20.1
Ethylbenzene	4.04
Heptane	5.65
Hexane	4.02
Isopropylalcohol	23.8
Xylene (m&p)	14.0
Methyl Ethyl Ketone	12.5
Xylene (o)	5.38
Tetrachloroethene	119
Toluene	17.1
Trichloroethene	2.31

SG3

MW3

SG13

1,2,4-Trimethylbenzene	2.01
Acetone	163
Benzene	9.07
Carbon Disulfide	14.1
Cyclohexane	15.8
Dichlorodifluoromethane	1.53
Ethanol	17.5
Ethyl Acetate	2.59
Ethylbenzene	4.38
Heptane	21.6
Hexane	39.1
Isopropylalcohol	16.6
Xylene (m&p)	14.6
Methyl Ethyl Ketone	4.60
Methylene Chloride	2.57
Xylene (o)	5.47
Tetrachloroethene	2.17
Toluene	24.1
Trichlorofluoromethane	1.12

SG13

MW10

SG9

1,1,1-Trichloroethane	1.85
1,2,4-Trimethylbenzene	4.52
1,3,5-Trimethylbenzene	1.28
4-Ethyltoluene	1.18
Acetone	180
Benzene	27.7
Carbon Disulfide	20.5
Carbon Tetrachloride	0.503
Dichlorodifluoromethane	2.82
Ethanol	72.1
Ethylbenzene	10.6
Heptane	378
Hexane	986
Isopropylalcohol	38.8
Xylene (m&p)	32.2
Xylene (o)	11.8
Tetrachloroethene	68.5
Toluene	93.8
Trichlorofluoromethane	1.91

SG4

MW4

SG8

SG4

1,1,1-Trichloroethane	105
1,2,4-Trimethylbenzene	2.11
Acetone	153
Benzene	8.24
Carbon Disulfide	1.77
Chloroform	3.02
Cyclohexane	3.75
Dichlorodifluoromethane	1.88
Ethanol	78.5
Ethyl Acetate	2.34
Ethylbenzene	4.64
Heptane	11.3
Hexane	12.6
Xylene (m&p)	15.4
Methyl Ethyl Ketone	3.83
Xylene (o)	6.16
Tetrachloroethene	151
Toluene	22.8
Trichloroethene	16.7

1,1,1-Trichloroethane	8.18
1,2,4-Trimethylbenzene	3.34
Acetone	175
Benzene	28.7
Carbon Disulfide	2.3
Carbon Tetrachloride	0.44
Chloroform	1.95
cis-1,2-Dichloroethene	90.7
Cyclohexane	1.75
Dichlorodifluoromethane	2.72
Ethanol	23.9
Ethyl Acetate	3.42
Ethylbenzene	6.6
Heptane	4.38
Hexane	2.11
Isopropylalcohol	28.5
Xylene (m&p)	21.4
Methyl Ethyl Ketone	4.98
Methylene Chloride	1.01
Xylene (o)	8.85
Propylene	2.1
Tetrachloroethene	245
Toluene	28.7
trans-1,2-Dichloroethene	12.7
Trichloroethene	16.2
Trichlorofluoromethane	1.85

SG14

SG9

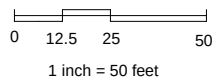
1,1,1-Trichloroethane	284
1,2,4-Trimethylbenzene	2.36
Benzene	1.4
Carbon Disulfide	6.53
Chloroform	1.07
Cyclohexane	5.78
Dichlorodifluoromethane	1.33
Ethanol	16.2
Ethylbenzene	4.69
Heptane	27.6
Hexane	108
Isopropylalcohol	20.4
Xylene (m&p)	16.1
Methylene Chloride	1.08
Xylene (o)	6.38
Tetrachloroethene	88.8
Toluene	5.44
Trichloroethene	15.3

SG5

WYTHE AVENUE

NORTH 12th STREET

SCALE



KEY:

- Site Boundary
- MWX Groundwater Sampling Location
- SGX Soil Gas Sampling Location



Phone 631.504.6000
Fax 631.924.2870

Figure No.
8

Site Name: **FORMER SUNBELT EQUIPMENT**
Site Address: **25 KENT AVENUE, BROOKLYN, NY 11249**
Drawing Title: **Soil Vapor Detections**

APPENDIX – A
Test Pit Logs

TEST PIT EXCAVATION LOG



ENVIRONMENTAL BUSINESS CONSULTANTS

TPA1-1

Location: Performed in northwest corner of property.		Kent Avenue N ↑ N. 13th Street N. 12th Street TPA1 Wythet Avenue	Site Elevation Datum
Site Name: HEP1402	Address:		Ground Elevation
	25 Kent Avenue, Brooklyn, NY		
Excavation Contractor:	Method:		Depth to Water (ft. from grade.)
Date Started:	Date Completed:		5 ft.
Completion Depth:	Field Oversight (QEP):		
12	S. Chen		

TPA1-1		SAMPLES	SOIL DESCRIPTION
		DEPTH (ft below grade)	
		0	Brown sandy fill material
		to	
		3	Brown sandy fill material
		to	
		6	Brown sandy fill material, water at 5 ft, native silty clay at 8 ft
		to	
		9	Native silty clay. End test pit at 12 ft.
		to	
		12	
		to	
		15	
		to	
		18	

TEST PIT EXCAVATION LOG



ENVIRONMENTAL BUSINESS CONSULTANTS

TPA2-1

Location: Performed on west side of property.			Site Elevation Datum
Site Name: HEP1402	Address:		Ground Elevation
25 Kent Avenue, Brooklyn, NY			
Excavation Contractor:	Method:		Depth to Water (ft. from grade.)
Track excavator			3 ft
Date Started: 11/20/2014	Date Completed: 11/20/2014		
Completion Depth: 12	Field Oversight (QEP): S. Chen		

TPA2-1	SAMPLES		SOIL DESCRIPTION
	DEPTH	(ft below grade)	
	0		Brown sandy fill material, water at 3 ft
	to		
	3		Brown sandy fill material
	to		
	6		Brown sandy fill material, native silty clay at 8 ft
	to		
	9		Native silty clay. End test pit at 12 ft.
	to		
	12		
	to		
	15		
	to		
	18		

TEST PIT EXCAVATION LOG



ENVIRONMENTAL BUSINESS CONSULTANTS

TPA2-2

Location: Performed on west side of property.			Site Elevation Datum
Site Name: HEP1402	Address:		Ground Elevation
25 Kent Avenue, Brooklyn, NY			
Excavation Contractor:	Method:		Depth to Water (ft. from grade.)
Track excavator			4 ft
Date Started: 11/20/2014	Date Completed: 11/20/2014		
Completion Depth: 12	Field Oversight (QEP): S. Chen		

TPA2-2	SAMPLES		SOIL DESCRIPTION
	DEPTH	(ft below grade)	
	0		Brown sandy fill material
	to		
	3		
	to		Brown sandy fill material, water at 4 ft
	6		
	to		Brown sandy fill material, native silty clay at 8 ft
	9		
	to		Native silty clay. End test pit at 12 ft.
	12		
	to		
	15		
	to		
	18		

TEST PIT EXCAVATION LOG



ENVIRONMENTAL BUSINESS CONSULTANTS

TPA3-1

Location: Performed in southwest corner of property.			Site Elevation Datum
Site Name: HEP1402	Address:		Ground Elevation
25 Kent Avenue, Brooklyn, NY			
Excavation Contractor:	Method:		Depth to Water (ft. from grade.)
	Track excavator		
Date Started:	Date Completed:		
11/20/2014	11/20/2014		
Completion Depth:	Field Oversight (QEP):		
12	S. Chen		

TPA3-1	SAMPLES		SOIL DESCRIPTION
	DEPTH	(ft below grade)	
	0		Brown sandy fill material, strong odor
	to		
	3		
	to		Dark silty fill material, odor
	6		
	to		Fill material and native silty clay, odor
	9		
	to		Native dark clay and brown sand. End test pit at 12 ft.
	12		
	to		
	15		
	to		
	18		

TEST PIT EXCAVATION LOG



ENVIRONMENTAL BUSINESS CONSULTANTS

TPA3-2

Location: Performed in southwest corner of property.			Site Elevation Datum
Site Name: HEP1402	Address:		Ground Elevation
25 Kent Avenue, Brooklyn, NY			
Excavation Contractor:	Method:		Depth to Water (ft. from grade.)
	Track excavator		4 ft
Date Started:	Date Completed:		
11/20/2014	11/20/2014		
Completion Depth:	Field Oversight (QEP):		
12	S. Chen		

TPA3-2	SAMPLES		SOIL DESCRIPTION
	DEPTH	(ft below grade)	
	0		Brown sandy fill material
	to		
	3		
	to		Brown sandy fill material, water at 4 ft
	6		
	to		Brown sandy fill material, native silty clay at 8 ft
	9		
	to		Native silty clay with strong odor. End test pit at 12 ft.
	12		
	to		
	15		
	to		
	18		

TEST PIT EXCAVATION LOG



ENVIRONMENTAL BUSINESS CONSULTANTS

TPB1-1

Location: Performed in southwest corner of property.			Site Elevation Datum
Site Name: HEP1402	Address:		Ground Elevation
25 Kent Avenue, Brooklyn, NY			
Excavation Contractor:	Method:		Depth to Water (ft. from grade.)
Date Started: 11/20/2014	Date Completed: 11/20/2014		
Completion Depth: 15 feet	Field Oversight (QEP): S. Chen		

TPB1-1	SAMPLES		SOIL DESCRIPTION
	DEPTH	(ft below grade)	
	0		Fill material
	to		
	3		Native dark clay
	to		
	6		Native dark clay
	to		
	9		Native dark clay
	to		
	12		Native brown silty sand. End test pit at 15 ft.
	to		
	15		
	to		
	18		

TEST PIT EXCAVATION LOG



ENVIRONMENTAL BUSINESS CONSULTANTS

TPB1-2

Location: Performed in southwest corner of property.			Site Elevation Datum	
Site Name: HEP1402	Address:		Ground Elevation	
25 Kent Avenue, Brooklyn, NY				
Excavation Contractor:	Method:		Depth to Water (ft. from grade.)	
Track excavator				
Date Started: 11/20/2014		Date Completed: 11/20/2014		
Completion Depth: 15 feet		Field Oversight (QEP): S. Chen		

TPB1-2		SAMPLES	SOIL DESCRIPTION
		DEPTH (ft below grade)	
		0	Fill material, water at 3 ft.
		to	
		3	Dark fill material.
		to	
		6	Native dark clay.
		to	
		9	Native dark clay.
		to	
		12	Native dark brown sand, end test pit at 15 ft.
		to	
		15	
		to	
		18	

TEST PIT EXCAVATION LOG



ENVIRONMENTAL BUSINESS CONSULTANTS

TPC1-1

Location: Performed in southwest corner of property.			Site Elevation Datum
Site Name: HEP1402	Address:		Ground Elevation
25 Kent Avenue, Brooklyn, NY			
Excavation Contractor:	Method:		Depth to Water (ft. from grade.)
Track excavator			
Date Started:	Date Completed:		
11/20/2014	11/20/2014		
Completion Depth:	Field Oversight (QEP):		
18 feet	S. Chen		

TPC1-1		SAMPLES	SOIL DESCRIPTION
		DEPTH (ft below grade)	
		0	Fill material.
		to	
		3	Dark clay
		to	
		6	Dark clay
		to	
		9	Dark clay
		to	
		12	Dark clay and brown sand
		to	
		15	Brown sand, end test pit at 18 ft.
		to	
		18	

TEST PIT EXCAVATION LOG



ENVIRONMENTAL BUSINESS CONSULTANTS

TPC1-2

Location: Performed in southwest corner of property.		Kent Avenue N ↑ N. 13th Street N. 12th Street Wythet Avenue	Site Elevation Datum
Site Name: HEP1402	Address:		Ground Elevation
	25 Kent Avenue, Brooklyn, NY		
Excavation Contractor:	Method:		Depth to Water (ft. from grade.)
	Track excavator		
Date Started:	Date Completed:		
11/20/2014	11/20/2014		
Completion Depth:	Field Oversight (QEP):		
18 feet	S. Chen		

TPC1-2		SAMPLES	SOIL DESCRIPTION
		DEPTH (ft below grade)	
		0	Brown sandy fill material, strong odor
		to	
		3	Dark silty fill material, odor
		to	
		6	Fill material and native silty clay, odor
		to	
		9	Native dark clay and brown sand. End test pit at 12 ft.
		to	
		12	
		to	
		15	
		to	
		18	

TEST PIT EXCAVATION LOG



ENVIRONMENTAL BUSINESS CONSULTANTS

TPC2-1

Location: Performed in southwest corner of property.			Site Elevation Datum	
Site Name: HEP1402	Address:		Ground Elevation	
25 Kent Avenue, Brooklyn, NY				
Excavation Contractor:	Method:		Depth to Water (ft. from grade.)	
Date Started:	Date Completed:			
Completion Depth:		Field Oversight (QEP):		
18 feet		S. Chen		

TPC2-1		SAMPLES	SOIL DESCRIPTION
		DEPTH (ft below grade)	
		0	Fill material
		to	
		3	Fill material
		to	
		6	Dark Clay
		to	
		9	Dark Clay
		to	
		12	Dark Clay
		to	
		15	Dark Clay
		to	
		18	

TEST PIT EXCAVATION LOG



ENVIRONMENTAL BUSINESS CONSULTANTS

TPC2-2

Location: Performed in southwest corner of property.			Site Elevation Datum
Site Name: HEP1402	Address:		Ground Elevation
25 Kent Avenue, Brooklyn, NY			
Excavation Contractor:	Method:		Depth to Water (ft. from grade.)
Date Started:	Date Completed:		
11/20/2014	11/20/2014		
Completion Depth:	Field Oversight (QEP):		
18 feet	S. Chen		

TPC2-2		SAMPLES	SOIL DESCRIPTION
		DEPTH (ft below grade)	
		0	Fill material.
		to	
		3	Fill material.
		to	
		6	Brown silty sand.
		to	
		9	Brown silty sand.
		to	
		12	Brown silty sand.
		to	
		15	Brown silty sand.
		to	
		18	

TEST PIT EXCAVATION LOG



ENVIRONMENTAL BUSINESS CONSULTANTS

TPC3-1

Location: Performed in southwest corner of property.		Kent Avenue N ↑ N. 13th Street N. 12th Street Wythet Avenue TPC3 	Site Elevation Datum
Site Name: HEP1402	Address:		Ground Elevation
	25 Kent Avenue, Brooklyn, NY		
Excavation Contractor:	Method:		Depth to Water (ft. from grade.)
	Track excavator		
Date Started:	Date Completed:		
11/24/2014	11/24/2014		
Completion Depth:	Field Oversight (QEP):		
18 feet	S. Chen		

TPC3-1		SAMPLES	SOIL DESCRIPTION
		DEPTH (ft below grade)	
		0	Gravel.
		to	
		3	Fill material
		to	
		6	Fill material
		to	
		9	Native dark clay.
		to	
		12	Native dark clay.
		to	
		15	Native dark clay.
		to	
		18	

TEST PIT EXCAVATION LOG



ENVIRONMENTAL BUSINESS CONSULTANTS

TPC3-2

Location: Performed in southwest corner of property.		Kent Avenue N ↑ N. 13th Street N. 12th Street Wythet Avenue TPC3 	Site Elevation Datum
Site Name: HEP1402	Address:		Ground Elevation
25 Kent Avenue, Brooklyn, NY			
Excavation Contractor:	Method:		Depth to Water (ft. from grade.)
	Track excavator		
Date Started: 11/24/2014	Date Completed: 11/24/2014		
Completion Depth: 18 feet	Field Oversight (QEP): S. Chen		

TPC3-2		SAMPLES	SOIL DESCRIPTION
		DEPTH (ft below grade)	
		0	Gravel.
		to	
		3	Fill material.
		to	
		6	Fill material.
		to	
		9	Native dark clay.
		to	
		12	Native dark clay.
		to	
		15	Native dark clay.
		to	
		18	

TEST PIT EXCAVATION LOG



ENVIRONMENTAL BUSINESS CONSULTANTS

TPD1-1

Location: Performed in southwest corner of property.			Site Elevation Datum
Site Name: HEP1402	Address:		Ground Elevation
25 Kent Avenue, Brooklyn, NY			
Excavation Contractor:	Method:		Depth to Water (ft. from grade.)
	Track excavator		
Date Started:	Date Completed:		
11/25/2014	11/25/2014		
Completion Depth:	Field Oversight (QEP):		
18 feet	S. Chen		

TPD1-1		SAMPLES	SOIL DESCRIPTION
		DEPTH (ft below grade)	
		0	Fill material.
		to	
		3	Fill material.
		to	
		6	Brown silty sand.
		to	
		9	Brown sand.
		to	
		12	Native dark clay.
		to	
		15	Native dark clay.
		to	
		18	

TEST PIT EXCAVATION LOG



ENVIRONMENTAL BUSINESS CONSULTANTS

TPD1-2

Location: Performed in southwest corner of property.			Site Elevation Datum
Site Name: HEP1402	Address:		Ground Elevation
25 Kent Avenue, Brooklyn, NY			
Excavation Contractor:	Method:		Depth to Water (ft. from grade.)
Date Started: 11/25/2014	Date Completed: 11/25/2014		
Completion Depth: 18 feet	Field Oversight (QEP): S. Chen		

TPD1-2		SAMPLES	SOIL DESCRIPTION
		DEPTH (ft below grade)	
		0 to 3	Fill material.
		3 to 6	Fill material.
		6 to 9	Brown silty sand.
		9 to 12	Brown silty sand.
		12 to 15	Native dark clay.
		15 to 18	Native dark clay.

TEST PIT EXCAVATION LOG



ENVIRONMENTAL BUSINESS CONSULTANTS

TPD2-1

Location: Performed in southwest corner of property.			Site Elevation Datum
Site Name: HEP1402	Address:		Ground Elevation
25 Kent Avenue, Brooklyn, NY			
Excavation Contractor:	Method:		Depth to Water (ft. from grade.)
Date Started: 11/25/2014	Date Completed: 11/25/2014		
Completion Depth: 18 feet	Field Oversight (QEP): S. Chen		

TPD2-1		SAMPLES	SOIL DESCRIPTION
		DEPTH (ft below grade)	
		0	Fill material.
		to	
		3	Fill material.
		to	
		6	Fill material.
		to	
		9	Brown silty sand.
		to	
		12	Brown silty sand.
		to	
		15	Brown silty sand.
		to	
		18	

TEST PIT EXCAVATION LOG



ENVIRONMENTAL BUSINESS CONSULTANTS

TPD2-2

Location: Performed in southwest corner of property.			Site Elevation Datum
Site Name: HEP1402	Address:		Ground Elevation
25 Kent Avenue, Brooklyn, NY			
Excavation Contractor:	Method:		Depth to Water (ft. from grade.)
	Track excavator		
Date Started:	Date Completed:		
11/25/2014	11/25/2014		
Completion Depth:	Field Oversight (QEP):		
18 feet	S. Chen		

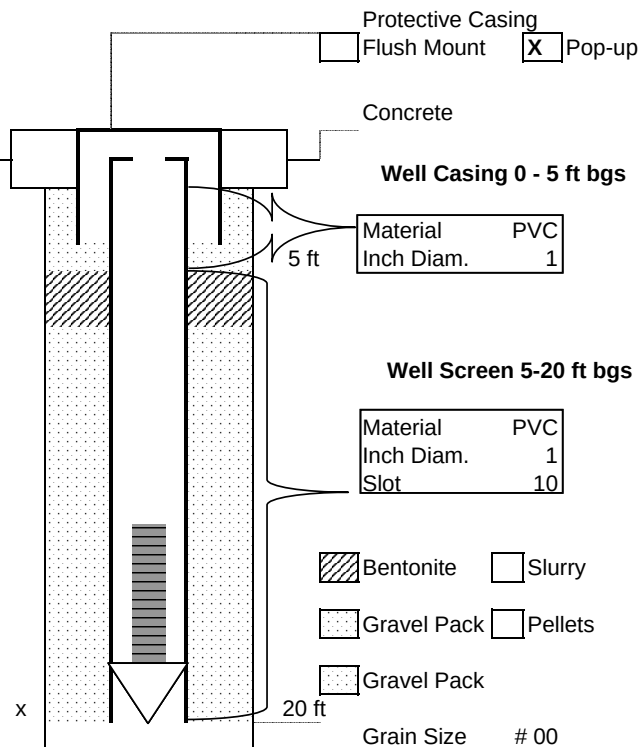
TPD2-2		SAMPLES	SOIL DESCRIPTION
		DEPTH (ft below grade)	
		0	Fill material.
		to	
		3	Fill material.
		to	
		6	Fill material.
		to	
		9	Brown silty sand.
		to	
		12	Brown silty sand.
		to	
		15	Brown silty sand.
		to	
		18	

APPENDIX – B
Monitoring Well Completion Reports

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW-1



Note: Drawing is not to scale.
 Depths are given in feet below land surface.

Monitoring Well No.: MW-1

Project: 25 Kent Avenue, Brooklyn NY

Depth to Groundwater: 5.3 Date: 12/30/1014

Installation Depth: 20ftbg

Survey Point Elevation: 92.40

Installation Date: 12/17/2014

Drilling Contractor: C2 Environmental

Installation Method: Geoprobe

Water Removed During Development:

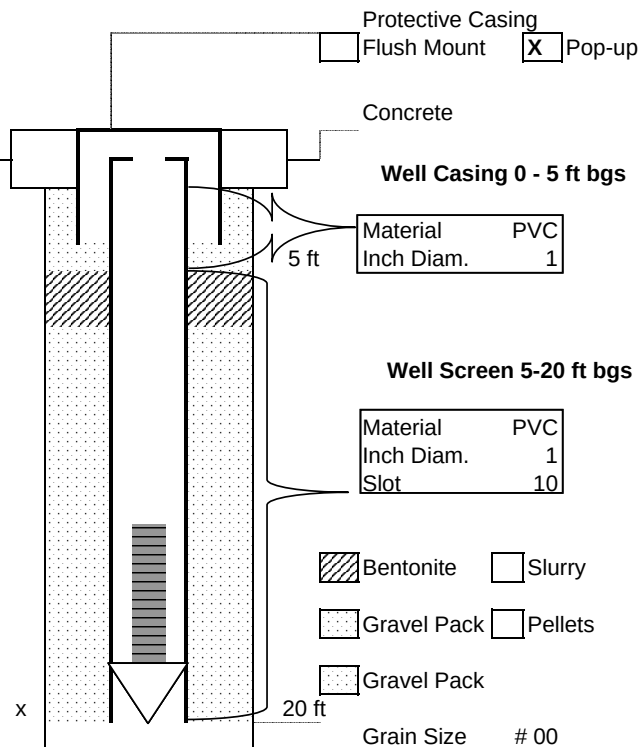
Hydrogeologist: Reuben Levinton

Company Name: EBC

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW-2



Monitoring Well No.: MW-2

Project: 25 Kent Avenue, Brooklyn NY

Depth to Groundwater: 10.35 Date: 12/30/1014

Installation Depth: 20ftbg

Survey Point Elevation: 95.14

Installation Date: 12/17/2014

Drilling Contractor: C2 Environmental

Installation Method: Geoprobe

Water Removed During Development:

Hydrogeologist: Reuben Levinton

Company Name: EBC

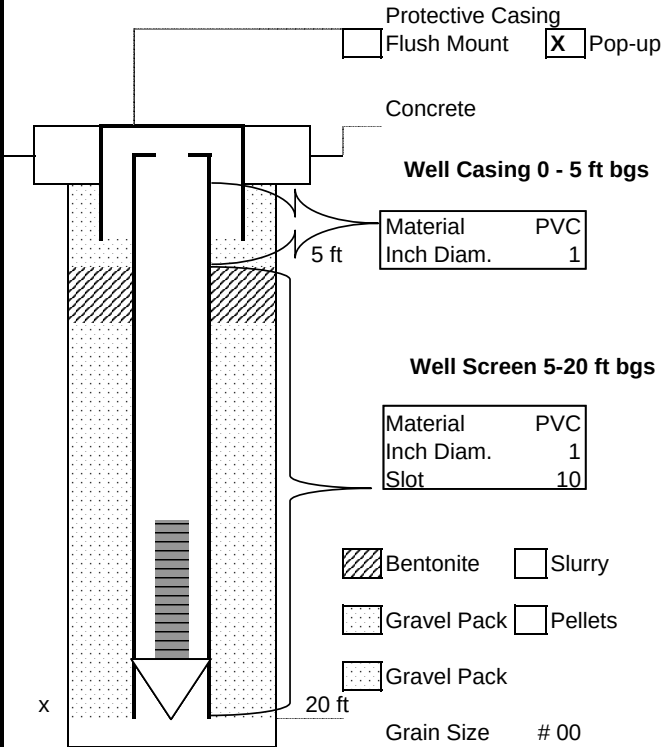


ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW-3



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Monitoring Well No.: MW-3

Project: 25 Kent Avenue, Brooklyn NY

Depth to Groundwater: 11.89 Date: 12/30/1014

Installation Depth: 20ftbg

Survey Point Elevation: 96.32

Installation Date: 12/21/2014

Drilling Contractor: C2 Environmental

Installation Method: Geoprobe

Water Removed During Development:

Hydrogeologist: Reuben Levinton

Company Name: EBC

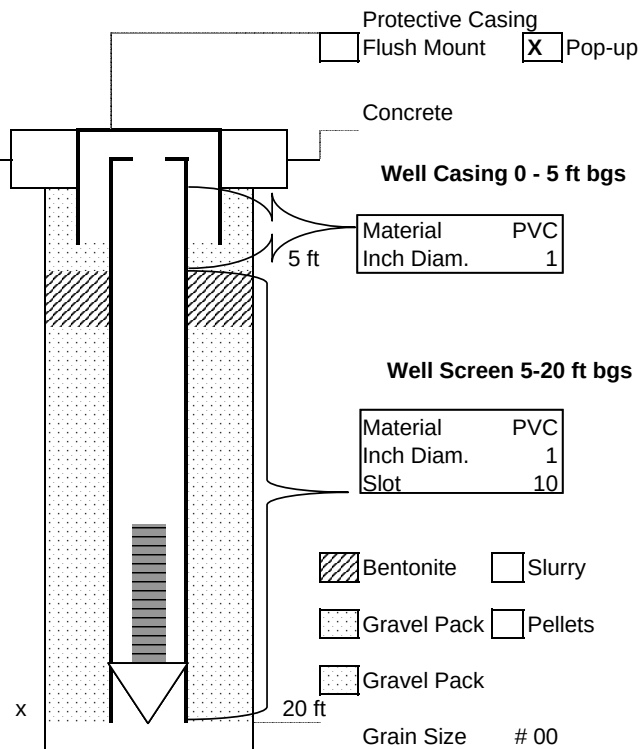


ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW-4



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Monitoring Well No.: MW-4

Project: 25 Kent Avenue, Brooklyn NY

Depth to Groundwater: 11.8 Date: 12/30/1014

Installation Depth: 20ftbg

Survey Point Elevation: 96.04

Installation Date: 12/21/2014

Drilling Contractor: C2 Environmental

Installation Method: Geoprobe

Water Removed During Development:

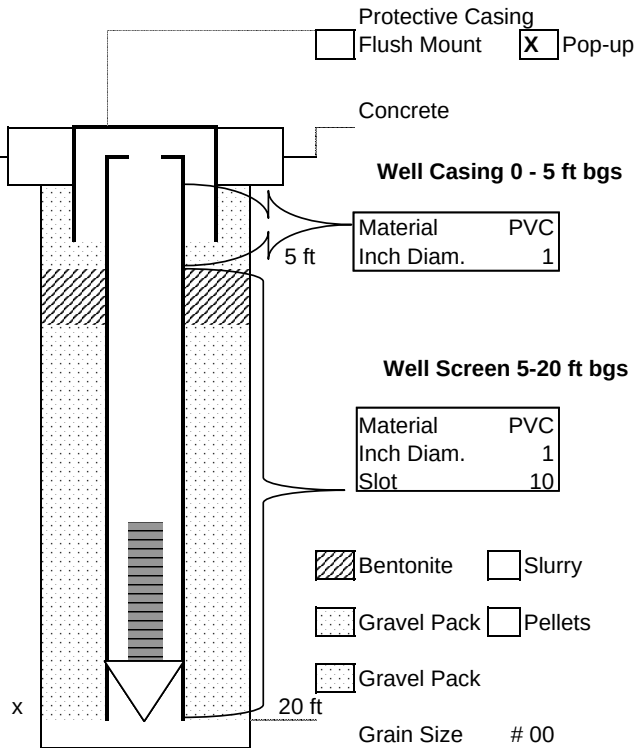
Hydrogeologist: Reuben Levinton

Company Name: EBC

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW-5



Monitoring Well No.: MW-5

Project: 25 Kent Avenue, Brooklyn NY

Depth to Groundwater: 5.1 Date: 12/30/1014

Installation Depth: 20ftbg

Survey Point Elevation: 91.79

Installation Date: 12/17/2014

Drilling Contractor: C2 Environmental

Installation Method: Geoprobe

Water Removed During Development:

Hydrogeologist: Reuben Levinton

Company Name: EBC

Note: Drawing is not to scale.
Depths are given in feet below land surface.

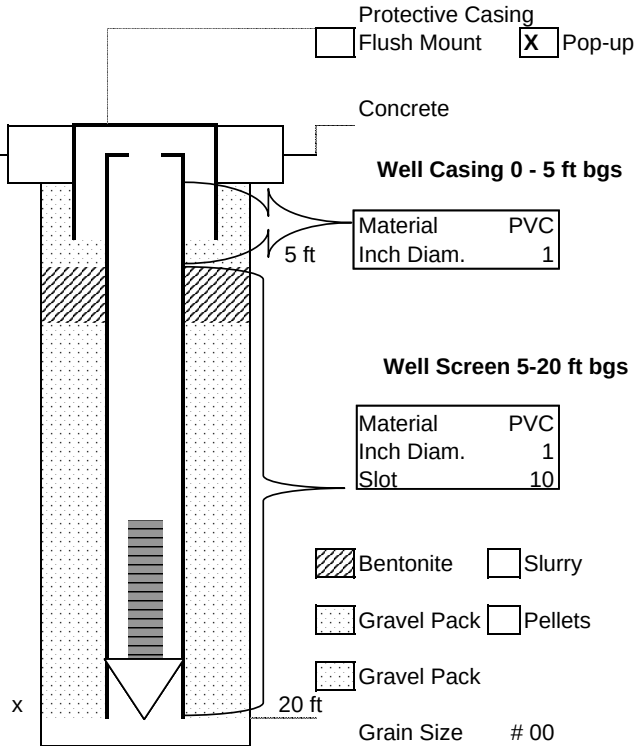


ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW-6



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Monitoring Well No.: MW-6

Project: 25 Kent Avenue, Brooklyn NY

Depth to Groundwater: approx 10 ft Date: 12/17/1014

Installation Depth: 20ftbg

Survey Point Elevation: 96.58

Installation Date: 12/17/2014

Drilling Contractor: C2 Environmental

Installation Method: Geoprobe

Water Removed During Development:

Hydrogeologist: Reuben Levinton

Company Name: EBC

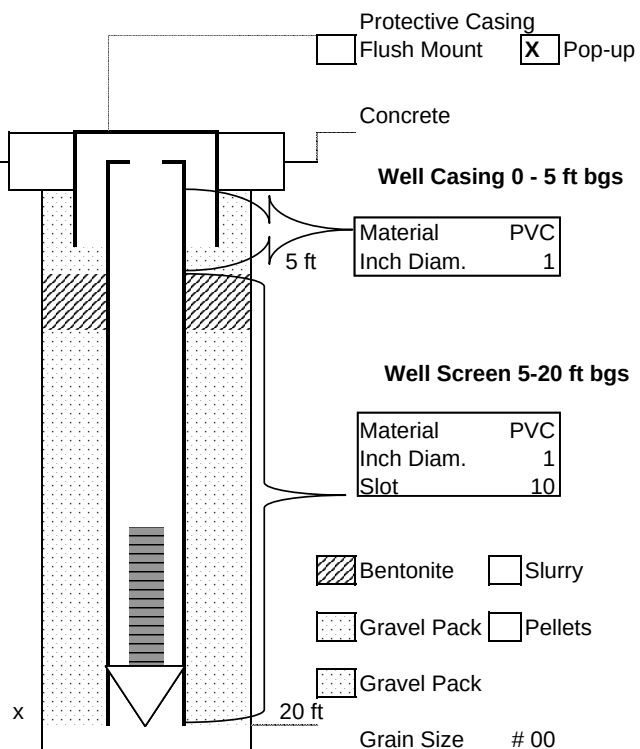


ENVIRONMENTAL BUSINESS CONSULTANTS

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW-7



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Monitoring Well No.: MW-7

Project: 25 Kent Avenue, Brooklyn NY

Depth to Groundwater 10.05 Date: 12/30/1014

Installation Depth: 20ftbg

Survey Point Elevation: 94.98

Installation Date: 12/21/2014

Drilling Contractor: C2 Environmental

Installation Method: Geoprobe

Water Removed During Development:

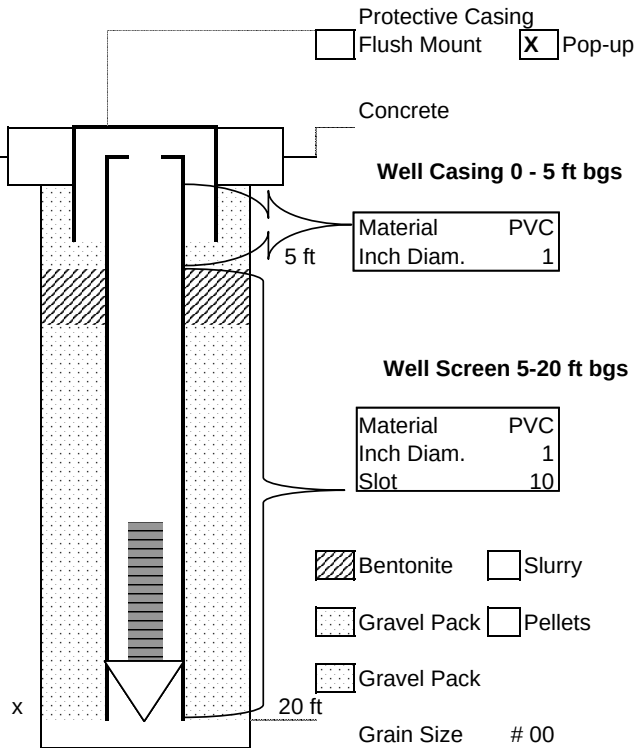
Hydrogeologist: Reuben Levinton

Company Name: EBC

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW-8



Monitoring Well No.: MW-8

Project: 25 Kent Avenue, Brooklyn NY

Depth to Groundwater: approx 10 ft Date: 12/17/1014

Installation Depth: 20ftbg

Survey Point Elevation:

Installation Date: 12/17/2014

Drilling Contractor: C2 Environmental

Installation Method: Geoprobe

Water Removed During Development:

Hydrogeologist: Reuben Levinton

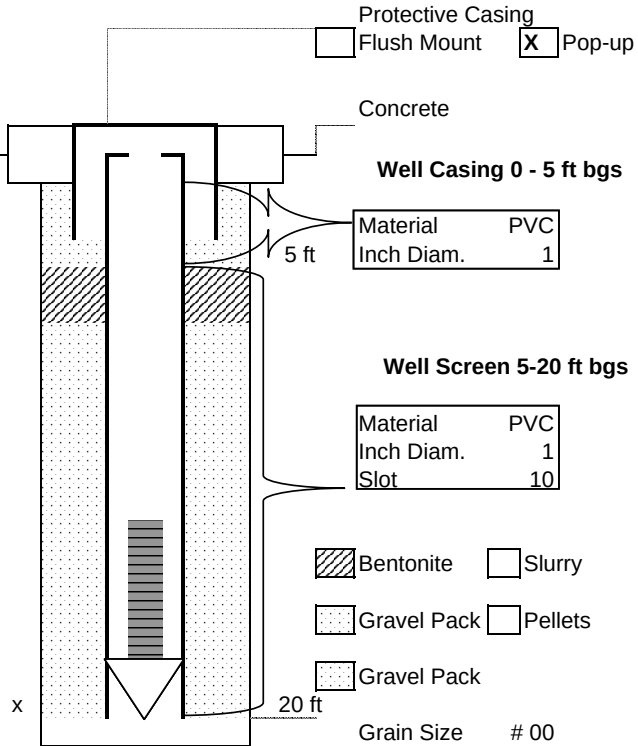
Company Name: EBC

Note: Drawing is not to scale.
Depths are given in feet below land surface.

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW-9



Monitoring Well No.: MW-9

Project: 25 Kent Avenue, Brooklyn NY

Depth to Groundwater: 5.02 Date: 12/30/2014

Installation Depth: 20ftbg

Survey Point Elevation: 93.53

Installation Date: 12/21/2014

Drilling Contractor: C2 Environmental

Installation Method: Geoprobe

Water Removed During Development:

Hydrogeologist: Reuben Levinton

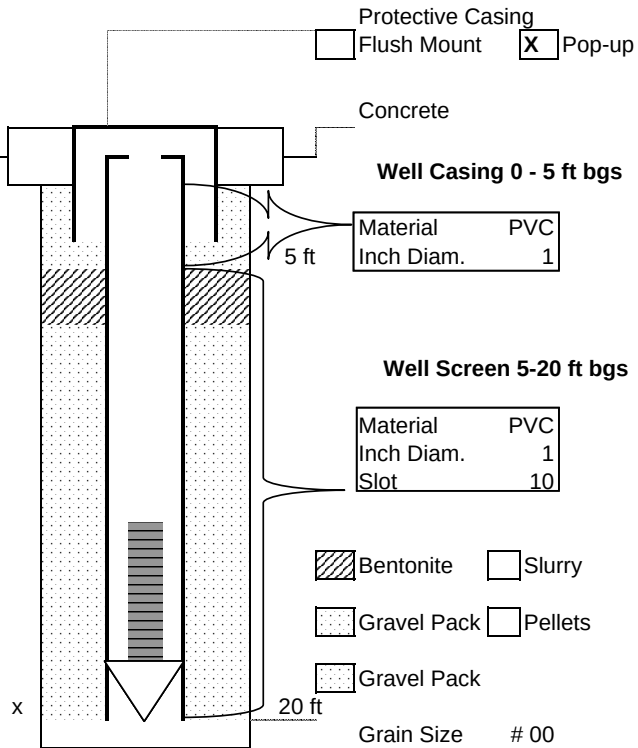
Company Name: EBC

Note: Drawing is not to scale.
Depths are given in feet below land surface.

GROUNDWATER MONITORING WELL

CONSTRUCTION LOG

MW-10



Monitoring Well No.: MW-10

Project: 25 Kent Avenue, Brooklyn NY

Depth to Groundwater 12.85 Date: 12/30/2014

Installation Depth: 20ftbg

Survey Point Elevation: 94.93

Installation Date: 12/21/2014

Drilling Contractor: C2 Environmental

Installation Method: Geoprobe

Water Removed During Development:

Hydrogeologist: Reuben Levinton

Company Name: EBC

Note: Drawing is not to scale.
Depths are given in feet below land surface.

APPENDIX - C
Groundwater Sampling Logs

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW1

Date: 12/21/2014

Well Depth (from TOC): 20

Equipment: Check Valve

Static Water Level (from TOC): 10.3

Field Personnel: Reuben Levinton

Height of Water in Well: 9.7

Gallons of Water per Well Volume: 0.388

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (°F)	Comments
0.00	10:55	400ml/min	0	8.9	1145	11.2	turbid
5.00	11:00	400ml/min	0.55	7.11	1150	14.5	turbid
5.00	11:05	400ml/min	0.55	7.17	1125	14.7	clear
5.00	11:10	400ml/min	0.55	7.09	1190	14.5	clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW2

Date: 12/22/2014

Well Depth (from TOC): 20

Equipment: Check Valve

Static Water Level (from TOC): 10.35

Field Personnel: Sunny Chen

Height of Water in Well: 9.65

Gallons of Water per Well Volume: 0.386

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (°F)	Comments
0.00	9:04	400ml/min	0	6.07	1045	14.4	turbid
3.00	9:07	400ml/min	0.33	6.55	1045	15.6	turbid
5.00	9:12	400ml/min	0.55	6.89	1045	15.7	clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW3

Date: 12/22/2014

Well Depth (from TOC): 20

Equipment: Check Valve

Static Water Level (from TOC): 11.89

Field Personnel: Patrick Recio

Height of Water in Well: 8.11

Gallons of Water per Well Volume: 0.3244

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (°F)	Comments
0.00		400ml/min	0	Meter malfunction			turbid
3.00		400ml/min	0.33				turbid
5.00		400ml/min	0.55				clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW4

Date: 12/22/2014

Well Depth (from TOC): 20

Equipment: Check Valve

Static Water Level (from TOC): 11.8

Field Personnel: Patrick Recio

Height of Water in Well: 8.2

Gallons of Water per Well Volume: 0.328

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (°F)	Comments
0.00	8:56	400ml/min	0	7.49	1299	15.1	turbid
3.00	8:59	400ml/min	0.33	6.85	1300	16.8	turbid
5.00	9:04	400ml/min	0.55	8.89	1429	16.9	clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW5

Date: 12/21/2014

Well Depth (from TOC): 20

Equipment: Check Valve

Static Water Level (from TOC): 5.05

Field Personnel: Reuben Levinton

Height of Water in Well: 14.95

Gallons of Water per Well Volume: 0.598

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (°F)	Comments
0.00	1:45	400ml/min	0	6.65	2350	14.9	turbid
3.00	1:48	400ml/min	0.33	6.80	2000	14.7	turbid
5.00	1:53	400ml/min	0.55	6.63	2757	15.1	clear
5.00	1:58	400ml/min	0.55	6.61	2924	14.9	clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW6

Date: 12/22/2014

Well Depth (from TOC): 20

Equipment: Check Valve

Static Water Level (from TOC): 9.7

Field Personnel: Patrick Recio

Height of Water in Well: 10.3

Gallons of Water per Well Volume: 0.412

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (°F)	Comments
0.00		400ml/min	0	Meter malfunction			turbid
3.00		400ml/min	0.33				turbid
5.00		400ml/min	0.55				clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW7

Date: 12/22/2014

Well Depth (from TOC): 20

Equipment: Check Valve

Static Water Level (from TOC): 10.05

Field Personnel: Sunny Chen

Height of Water in Well: 9.95

Gallons of Water per Well Volume: 0.398

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (°F)	Comments
0.00	8:30	400ml/min	0	6.96	1047	11.7	turbid
3.00	8:33	400ml/min	0.33	7.01	1052	13.6	turbid
5.00	8:38	400ml/min	0.55	7.02	1027	12.5	clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW8

Date: 12/21/2014

Well Depth (from TOC): 20

Equipment: Check Valve

Static Water Level (from TOC): 10

Field Personnel: Reuben Levinton

Height of Water in Well: 10

Gallons of Water per Well Volume: 0.4

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (°F)	Comments
0.00	2:55	400ml/min	0	5.90	3999 (max)	12.3	turbid
3.00	2:58	400ml/min	0.33	6.35	1545	15.4	turbid
5.00	3:03	400ml/min	0.55	6.3	1500	15.4	clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW9

Date: 12/22/2014

Well Depth (from TOC): 19.8

Equipment: Check Valve

Static Water Level (from TOC): 5

Field Personnel: Patrick Recio

Height of Water in Well: 14.8

Gallons of Water per Well Volume: 0.592

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (°F)	Comments
0.00	9:31	400ml/min	0	7.4	1200	15.6	turbid
3.00	9:34	400ml/min	0.33	7.0	12.7	16.5	turbid
5.00	9:39	400ml/min	0.55	6.9	1245	16.4	clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS



ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW10

Date: 12/22/2014

Well Depth (from TOC): 18.2

Equipment: Check Valve

Static Water Level (from TOC): 12.85

Field Personnel: Patrick Recio

Height of Water in Well: 5.35

Gallons of Water per Well Volume: 0.214

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (°F)	Comments
0.00	10:25	400ml/min	0	7.17	609	13.6	turbid
3.00	10:28	400ml/min	0.33	7.2	607	14.1	turbid
5.00	10:33	400ml/min	0.55	7.19	606	13.9	clear

Note 400 ml = 0.11 gallons

APPENDIX - D
Soil Vapor Sampling Logs

CHAIN OF CUSTODY RECORD

AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

Page of

Data Delivery:

☐ Fax #:

☐ Email:

☐ Phone #:

Report to: EBC	Invoice to: EBC	Project Name: 25 Kent Ave, Brooklyn NY
Customer: EBC		Requested Deliverable: RCP ☐ ASP CAT B ☐
Address:		MCP ☐ NJ Deliverables ☐
	Sampled by: Reuben Leniston	State where samples collected: _____

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
THIS SECTION FOR LAB USE ONLY													MATRIX	ANALYSES			
		~~216~~	~~6.0~~	~~30~~		~~2864~~	~~41.7~~										
		~~473~~	~~6.0~~	~~30~~		~~4959~~											
50257	SG1	488	6.0	30		4984		13:19	15:08	12/21/14	-30	-6	X			X	
50258	SG10	478	6.0	30		4982		13:25	15:10		-30	-5	X			X	
		~~13650~~	~~6.0~~	~~30~~		~~5356~~	~~13:29~~	~~15:12~~									
50259	SG11	474	6.0	30		3414	✓	13:29	15:12		-30	-6	X			X	
50260	SG6	12855	6.0	30		5650		13:22	15:09		-28	-5	X			X	
502601	SG2	11286	6.0	30		4490		13:33	15:15	✓	-30	-7	X			X	
	6L 2hr ②																

Relinquished by:	Accepted by:	Date: 12-22-14	Time: 10:50	Data Format: Excel ☒ Equis ☐ GISKey ☐
		12-22-14	10:08	PDF ☒ Other: ☐

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

Requested Criteria

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Quote Number: _____

Signature: _____

Date: _____

Environmental Laboratories, Inc.
 551 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Telephone: 860-451-1100 • Fax: 860-451-0413

800-827-5426
 email: greg@phoenixlabs.com

Data Delivery:
☐ Fax #:
☐ Email: csosiko@ebcincny.com
☐ Phone #:

Client Information:
 to: Kevin Waters
 from: EBC
 address:

Invoice Information:
 Invoice to: ABC
 Sampled by: Sunny Chen

Project Information:
 Project Name: 25 Kene Ave. Brooklyn
 Requested Deliverable:
 RCP ☐ ASP CAY B ☐
 MCP ☐ NJ Deliverables ☐
 State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (H ₂ O)	Incoming Canister Pressure (H ₂ O)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (H ₂ O)	Canister Pressure at End (H ₂ O)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
THIS SECTION FOR LAB USE ONLY																	
	57280	SG-13	367	6.0	-30	-2	3407	93	1132	12-22	-30	-7					
	81	SG-8	369	6.0	-30	-4	4489	911	1117	12-22	-29	-7	X			X	
	82	SG-3	353	6.0	-30	-3	4495	431	1130	12-22	-30	-7	X			X	
	83	SG-4	3636	6.0	-30	-1	4488	943	1155	12-22	-30	-6	X			X	
	84	SG-9	12857	6.0	-30	-3	5352	937	1153	12-22	-30	-7	X			X	
			465	6.0	-30		5659										

Relinquished by: 60L 2hr
Accepted by: [Signature]
Date: 12-23-14
Time: 1445
Data Format:
☒ Excel ☐ Equis ☐ GISKey ☒ PDF ☐ Other ☐

SPECIAL INSTRUCTIONS, OR REQUIREMENTS, REGULATORY INFORMATION:
Rush due monday per client. 12-23-14

Requested Criteria:

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as stated on the back of this document.

Client Number: _____ **Signature:** _____ **Date:** _____

Report to: <u>Chawin</u>	Invoice to: <u>EBC</u>	Project Name: <u>25 Kent Ave, Brooklyn</u>
Customer: <u>EBC</u>		Requested Deliverable: RCP ☐ ASP CAT B ☐
Address:		MCP ☐ NJ Deliverables ☐
	Sampled by: <u>Sunny Chen</u>	State where samples collected: <u>NY</u>

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
THIS SECTION FOR LAB USE ONLY													MATRIX	ANALYSES			
57285	sg-5	221	6.0	-30	-4	0331	41.7	946	1144	12-22	-29	-7	X			X	
57286	sg-12	220	6.0	-30	-6	5656		950	1151	12-22	-29	-7	X			X	
57287	sg-7	11290	6.0	-30	-5	5653		848	1052	12-22	-29	-7					
57288	sg-14	465	6.0	-30		5659	✓	934	1152	12-22	-27	-3	X			X	

Relinquished by: <u>[Signature]</u>	Accepted by: <u>[Signature]</u>	Date: <u>12-23-14</u>	Time: <u>14:45</u>	Data Format: Excel ☒ PDF ☒	Equis ☐	GISKey ☐	Other: ☐

SPECIAL INSTRUCTIONS, REQUIREMENTS, REGULATORY INFORMATION:

Rush due Monday per client 12/23/14

(SW)

Requested Criteria

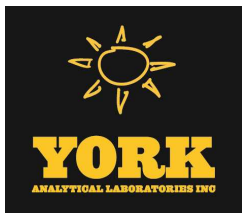
Quote Number:

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature:

Date:

APPENDIX - E
Laboratory Reports (On Disk)



Technical Report

prepared for:

Environmental Business Consultants

1808 Middle Country Rd.

Ridge NY, 11961

Attention: Charles Sosik

Report Date: 12/02/2014

Client Project ID: Grid Section A1 25 Kent Avenue, Brooklyn, NY

York Project (SDG) No.: 14K0830

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 12/02/2014
Client Project ID: Grid Section A1 25 Kent Avenue, Brooklyn, NY
York Project (SDG) No.: 14K0830

Environmental Business Consultants
1808 Middle Country Rd.
Ridge NY, 11961
Attention: Charles Sosik

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 21, 2014 and listed below. The project was identified as your project: **Grid Section A1 25 Kent Avenue, Brooklyn, NY.**

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0830-01	A1 Comp (0-3)	Soil	11/20/2014	11/21/2014
14K0830-02	A1 Grab (0-3)	Soil	11/20/2014	11/21/2014
14K0830-03	A1 Comp (3-6)	Soil	11/20/2014	11/21/2014
14K0830-04	A1 Grab (3-6)	Soil	11/20/2014	11/21/2014
14K0830-05	A1 Comp (6-9)	Soil	11/20/2014	11/21/2014
14K0830-06	A1 Grab (6-9)	Soil	11/20/2014	11/21/2014
14K0830-07	A1 Comp (9-12)	Soil	11/20/2014	11/21/2014
14K0830-08	A1 Grab (9-12)	Soil	11/20/2014	11/21/2014

General Notes for York Project (SDG) No.: 14K0830

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/02/2014





Sample Information

Client Sample ID: A1 Comp (0-3)

York Sample ID: 14K0830-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 8:00 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	489		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
208-96-8	Acenaphthylene	1060		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
98-86-2	Acetophenone	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
120-12-7	Anthracene	3280		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
1912-24-9	Atrazine	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
92-87-5	Benzidine	ND		ug/kg dry	922	1840	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
56-55-3	Benzo(a)anthracene	4670	CCV-E	ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
50-32-8	Benzo(a)pyrene	2530		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
205-99-2	Benzo(b)fluoranthene	2700		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
191-24-2	Benzo(g,h,i)perylene	2590	CCV-E	ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
65-85-0	Benzoic acid	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
207-08-9	Benzo(k)fluoranthene	2630		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
105-60-2	Caprolactam	ND		ug/kg dry	460	919	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
86-74-8	Carbazole	1040		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
218-01-9	Chrysene	4440		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
53-70-3	Dibenzo(a,h)anthracene	1290	CCV-E	ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
132-64-9	Dibenzofuran	313	J	ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
84-74-2	Di-n-butyl phthalate	537		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	460	919	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH



Sample Information

Client Sample ID: A1 Comp (0-3)

York Sample ID: 14K0830-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 8:00 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	460	919	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
206-44-0	Fluoranthene	8410		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
86-73-7	Fluorene	541		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
193-39-5	Indeno(1,2,3-cd)pyrene	2510		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
78-59-1	Isophorone	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
91-20-3	Naphthalene	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	460	919	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	460	919	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	460	919	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	460	919	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
85-01-8	Phenanthrene	4180		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
108-95-2	Phenol	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
129-00-0	Pyrene	7650		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	231	460	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	200 %	S-06	10-99							
4165-62-2	Surrogate: Phenol-d5	228 %	S-06	10-108							
4165-60-0	Surrogate: Nitrobenzene-d5	214 %	S-06	10-119							



Sample Information

Client Sample ID: A1 Comp (0-3)

York Sample ID: 14K0830-01

York Project (SDG) No.

14K0830

Client Project ID

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 8:00 am

Date Received

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: 2-Fluorobiphenyl	221 %	S-06		10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	233 %	S-06		10-106						
1718-51-0	Surrogate: Terphenyl-d14	246 %	S-06		10-123						

Semi-Volatiles, Tentatively Identified Cmpds.

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
000243-17-4	11H-Benzo[b]fluorene (01)	1600	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
000243-17-4	11H-Benzo[b]fluorene (02)	1660	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
053584-60-4	28-Nor-17.alpha.(H)-hopane	1770	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH
000192-97-2	Benzo[e]pyrene	4450	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:48	KH

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

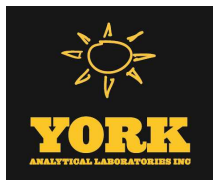
Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	2.73	2.73	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.73	2.73	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.73	2.73	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.73	2.73	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.73	2.73	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.73	2.73	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.73	2.73	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
57-74-9	Chlordane, total	ND		ug/kg dry	10.9	10.9	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.73	2.73	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.73	2.73	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.73	2.73	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.73	2.73	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.73	2.73	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.73	2.73	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.73	2.73	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
72-20-8	Endrin	ND		ug/kg dry	2.73	2.73	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.73	2.73	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.73	2.73	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.73	2.73	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.73	2.73	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
72-43-5	Methoxychlor	ND		ug/kg dry	13.7	13.7	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW
8001-35-2	Toxaphene	ND		ug/kg dry	138	138	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:08	JW

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: A1 Comp (0-3)

York Sample ID: 14K0830-01

York Project (SDG) No.

14K0830

Client Project ID

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 8:00 am

Date Received

11/21/2014

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	79.6 %			30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	66.6 %			30-140						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.0276	0.0276	1	EPA 8082A	11/26/2014 08:51	12/01/2014 16:54	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0276	0.0276	1	EPA 8082A	11/26/2014 08:51	12/01/2014 16:54	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0276	0.0276	1	EPA 8082A	11/26/2014 08:51	12/01/2014 16:54	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0276	0.0276	1	EPA 8082A	11/26/2014 08:51	12/01/2014 16:54	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0276	0.0276	1	EPA 8082A	11/26/2014 08:51	12/01/2014 16:54	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0276	0.0276	1	EPA 8082A	11/26/2014 08:51	12/01/2014 16:54	AMC
11096-82-5	Aroclor 1260	0.0805		mg/kg dry	0.0276	0.0276	1	EPA 8082A	11/26/2014 08:51	12/01/2014 16:54	AMC
1336-36-3	* Total PCBs	0.0805		mg/kg dry	0.0276	0.0276	1	EPA 8082A	11/26/2014 08:51	12/01/2014 16:54	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	84.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	70.0 %			30-140						

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	667		mg/kg dry	55.2	55.2	1	NJDEP EPH Rev 3.0	11/24/2014 16:21	11/25/2014 19:23	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	56.4 %			40-140						
84-15-1	Surrogate: o-Terphenyl	60.4 %			40-140						

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	7960		mg/kg dry	1.10	1.10	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW
7440-36-0	Antimony	1.33		mg/kg dry	0.552	0.552	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW
7440-38-2	Arsenic	18.5		mg/kg dry	1.10	1.10	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW
7440-39-3	Barium	255		mg/kg dry	1.10	1.10	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.110	0.110	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW
7440-43-9	Cadmium	0.886		mg/kg dry	0.331	0.331	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW
7440-70-2	Calcium	30300		mg/kg dry	0.552	5.52	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW



Sample Information

Client Sample ID: A1 Comp (0-3)

York Sample ID: 14K0830-01

York Project (SDG) No.

14K0830

Client Project ID

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 8:00 am

Date Received

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	19.9		mg/kg dry	0.552	0.552	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW
7440-48-4	Cobalt	7.98		mg/kg dry	0.552	0.552	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW
7440-50-8	Copper	77.1		mg/kg dry	0.552	0.552	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW
7439-89-6	Iron	35200		mg/kg dry	2.21	2.21	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW
7439-92-1	Lead	590		mg/kg dry	0.331	0.331	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW
7439-95-4	Magnesium	8570		mg/kg dry	5.52	5.52	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW
7439-96-5	Manganese	379		mg/kg dry	0.552	0.552	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW
7440-02-0	Nickel	26.5		mg/kg dry	0.552	0.552	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW
7440-09-7	Potassium	1600		mg/kg dry	5.52	5.52	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW
7782-49-2	Selenium	5.22		mg/kg dry	1.10	1.10	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW
7440-22-4	Silver	ND		mg/kg dry	0.552	0.552	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW
7440-23-5	Sodium	604		mg/kg dry	11.0	11.0	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW
7440-62-2	Vanadium	38.7		mg/kg dry	1.10	1.10	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW
7440-66-6	Zinc	491		mg/kg dry	1.10	1.10	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:07	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:13	MW
7440-39-3	Barium	0.907		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:13	MW
7440-43-9	Cadmium	0.012		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:13	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:13	MW
7439-92-1	Lead	0.831		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:13	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:13	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:13	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.686		mg/kg dry	0.0331	0.0331	1	EPA 7473	11/24/2014 11:04	11/24/2014 18:11	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 11:19	11/25/2014 13:53	ALD



Sample Information

Client Sample ID: A1 Comp (0-3)

York Sample ID: 14K0830-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 8:00 am

11/21/2014

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/24/2014 10:52	11/24/2014 13:43	AA

Paint Filter Test

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
	* Paint Filter Test	No Free Liquid		-	0	0	1	EPA 9095A	12/01/2014 12:48	12/01/2014 13:07	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.6		%	0.100	0.100	1	SM 2540G	12/01/2014 11:46	12/02/2014 10:21	KK

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.386	0.552	1	EPA 7196A	12/01/2014 10:09	12/01/2014 18:04	KK

Corrosivity

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
	pH	9.21	HT-pH	pH units		0.500	1	EPA 9045D	12/02/2014 13:42	12/02/2014 15:58	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/02/2014 10:48	12/02/2014 15:54	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	16.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/02/2014 10:50	12/02/2014 15:55	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:27	KK



Sample Information

Client Sample ID: A1 Comp (0-3)

York Sample ID: 14K0830-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
14K0830	Grid Section A1 25 Kent Avenue, Brooklyn, NY	Soil	November 20, 2014 8:00 am	11/21/2014

Sample Information

Client Sample ID: A1 Grab (0-3)

York Sample ID: 14K0830-02

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
14K0830	Grid Section A1 25 Kent Avenue, Brooklyn, NY	Soil	November 20, 2014 8:30 am	11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
95-63-6	1,2,4-Trimethylbenzene	7.9	J	ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	110	220	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
110-82-7	Cyclohexane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
78-93-3	2-Butanone	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
591-78-6	2-Hexanone	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
67-64-1	Acetone	17	Cal-E, CCV-E, , ICV-E, J	ug/kg dry	11	22	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
107-02-8	Acrolein	ND		ug/kg dry	11	22	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
71-43-2	Benzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS



Sample Information

Client Sample ID: A1 Grab (0-3)

York Sample ID: 14K0830-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 8:30 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
75-25-2	Bromoform	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
74-83-9	Bromomethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
67-66-3	Chloroform	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
74-87-3	Chloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
74-95-3	Dibromomethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
79-20-9	Methyl acetate	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
75-09-2	Methylene chloride	ND		ug/kg dry	11	22	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	22	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
100-42-5	Styrene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
108-88-3	Toluene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	17	33	1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS



Sample Information

Client Sample ID: A1 Grab (0-3)

York Sample ID: 14K0830-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 8:30 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.6 %									
460-00-4	Surrogate: p-Bromofluorobenzene	105 %									
2037-26-5	Surrogate: Toluene-d8	104 %									

Volatile Organics, Tentatively Identified Cmpds.

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
NA	Decahydro pentamethylnaphthlene isomer	22	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
NA	Diethyl Benzene isomer	15	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
NA	dihydro methyl indene isomer	14	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
NA	dimethyl octane isomer	13	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
NA	Methyl (methylethyl) benzene isomer	11	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS
NA	Tetrahydro Azulene isomer	18	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 01:58	SS

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.8		%	0.100	0.100	1	SM 2540G	12/01/2014 11:46	12/02/2014 10:21	KK

Sample Information

Client Sample ID: A1 Comp (3-6)

York Sample ID: 14K0830-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 9:00 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
98-86-2	Acetophenone	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
120-12-7	Anthracene	574		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
1912-24-9	Atrazine	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH



Sample Information

Client Sample ID: A1 Comp (3-6)

York Sample ID: 14K0830-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 9:00 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		ug/kg dry	1060	2130	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
56-55-3	Benzo(a)anthracene	1980	CCV-E	ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
50-32-8	Benzo(a)pyrene	1470		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
205-99-2	Benzo(b)fluoranthene	1580		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
191-24-2	Benzo(g,h,i)perylene	1130	CCV-E	ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
65-85-0	Benzoic acid	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
207-08-9	Benzo(k)fluoranthene	1550		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
105-60-2	Caprolactam	ND		ug/kg dry	531	1060	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
86-74-8	Carbazole	370	J	ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
218-01-9	Chrysene	2230		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
53-70-3	Dibenzo(a,h)anthracene	552	CCV-E	ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	531	1060	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	531	1060	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH



Sample Information

Client Sample ID: A1 Comp (3-6)

York Sample ID: 14K0830-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 9:00 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	5470		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
86-73-7	Fluorene	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
193-39-5	Indeno(1,2,3-cd)pyrene	964		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
78-59-1	Isophorone	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
91-57-6	2-Methylnaphthalene	391	J	ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
91-20-3	Naphthalene	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	531	1060	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	531	1060	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	531	1060	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	531	1060	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
85-01-8	Phenanthrene	1920		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
108-95-2	Phenol	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
129-00-0	Pyrene	3540		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	266	531	10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	91.7 %									
4165-62-2	Surrogate: Phenol-d5	100 %									
4165-60-0	Surrogate: Nitrobenzene-d5	252 %	S-08								
321-60-8	Surrogate: 2-Fluorobiphenyl	107 %									
118-79-6	Surrogate: 2,4,6-Tribromophenol	94.7 %									
1718-51-0	Surrogate: Terphenyl-d14	89.0 %									

Semi-Volatiles, Tentatively Identified Cmpds.

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: A1 Comp (3-6)

York Sample ID: 14K0830-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 9:00 am

11/21/2014

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	Unkown Alkane	17400	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
	Unkown Alkane #2	19500	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
	Unkown Alkane #3	19100	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
	Unkown Alkane #4	19500	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
	Unkown Alkene	27200	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
	Unkown Alkene #2	16600	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
NA	Unkown Cyclohexane	17000	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
NA	Unkown Hydrocarbon #1	20000	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
NA	Unkown Hydrocarbon #2	16600	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH
	Unkown Octane	25900	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 12:18	KH

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	3.15	3.15	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.15	3.15	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
319-85-7	beta-BHC	ND		ug/kg dry	3.15	3.15	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
319-86-8	delta-BHC	ND		ug/kg dry	3.15	3.15	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	3.15	3.15	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	3.15	3.15	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	3.15	3.15	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
57-74-9	Chlordane, total	ND		ug/kg dry	12.6	12.6	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	3.15	3.15	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	3.15	3.15	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	3.15	3.15	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
60-57-1	Dieldrin	ND		ug/kg dry	3.15	3.15	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
959-98-8	Endosulfan I	ND		ug/kg dry	3.15	3.15	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	3.15	3.15	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	3.15	3.15	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
72-20-8	Endrin	ND		ug/kg dry	3.15	3.15	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	3.15	3.15	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	3.15	3.15	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.15	3.15	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	3.15	3.15	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
72-43-5	Methoxychlor	ND		ug/kg dry	15.8	15.8	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
8001-35-2	Toxaphene	ND		ug/kg dry	160	160	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:40	JW
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	50.2 %	30-140								



Sample Information

Client Sample ID: A1 Comp (3-6)

York Sample ID: 14K0830-03

York Project (SDG) No.

14K0830

Client Project ID

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 9:00 am

Date Received

11/21/2014

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	51.0 %				30-140					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.0318	0.0318	1	EPA 8082A	11/26/2014 08:51	12/01/2014 17:23	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0318	0.0318	1	EPA 8082A	11/26/2014 08:51	12/01/2014 17:23	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0318	0.0318	1	EPA 8082A	11/26/2014 08:51	12/01/2014 17:23	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0318	0.0318	1	EPA 8082A	11/26/2014 08:51	12/01/2014 17:23	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0318	0.0318	1	EPA 8082A	11/26/2014 08:51	12/01/2014 17:23	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0318	0.0318	1	EPA 8082A	11/26/2014 08:51	12/01/2014 17:23	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0318	0.0318	1	EPA 8082A	11/26/2014 08:51	12/01/2014 17:23	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0318	0.0318	1	EPA 8082A	11/26/2014 08:51	12/01/2014 17:23	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	62.5 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	63.0 %				30-140					

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	9040		mg/kg dry	63.7	63.7	1	NJDEP EPH Rev 3.0	11/24/2014 16:21	11/25/2014 19:52	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	60.9 %				40-140					
84-15-1	Surrogate: o-Terphenyl	51.3 %				40-140					

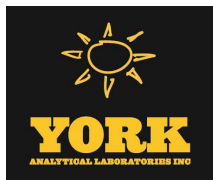
Metals, Target Analyte

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	6090		mg/kg dry	1.27	1.27	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW
7440-36-0	Antimony	1.09		mg/kg dry	0.637	0.637	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW
7440-38-2	Arsenic	95.3		mg/kg dry	1.27	1.27	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW
7440-39-3	Barium	360		mg/kg dry	1.27	1.27	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.127	0.127	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW
7440-43-9	Cadmium	4.63		mg/kg dry	0.382	0.382	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW
7440-70-2	Calcium	29200		mg/kg dry	0.637	6.37	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW
7440-47-3	Chromium	22.4		mg/kg dry	0.637	0.637	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW



Sample Information

Client Sample ID: A1 Comp (3-6)

York Sample ID: 14K0830-03

York Project (SDG) No.

14K0830

Client Project ID

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 9:00 am

Date Received

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	14.6		mg/kg dry	0.637	0.637	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW
7440-50-8	Copper	245		mg/kg dry	0.637	0.637	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW
7439-89-6	Iron	60600		mg/kg dry	25.5	25.5	10	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW
7439-92-1	Lead	3660		mg/kg dry	0.382	0.382	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW
7439-95-4	Magnesium	3340		mg/kg dry	6.37	6.37	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW
7439-96-5	Manganese	310		mg/kg dry	0.637	0.637	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW
7440-02-0	Nickel	27.2		mg/kg dry	0.637	0.637	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW
7440-09-7	Potassium	977		mg/kg dry	6.37	6.37	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW
7782-49-2	Selenium	10.5		mg/kg dry	1.27	1.27	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW
7440-22-4	Silver	ND		mg/kg dry	0.637	0.637	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW
7440-23-5	Sodium	394		mg/kg dry	12.7	12.7	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW
7440-28-0	Thallium	ND		mg/kg dry	1.27	1.27	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW
7440-62-2	Vanadium	37.8		mg/kg dry	1.27	1.27	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW
7440-66-6	Zinc	1240		mg/kg dry	1.27	1.27	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:12	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	0.030		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:18	MW
7440-39-3	Barium	0.815		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:18	MW
7440-43-9	Cadmium	0.004		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:18	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:18	MW
7439-92-1	Lead	3.19		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:18	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:18	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:18	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.10		mg/kg dry	0.0382	0.0382	1	EPA 7473	11/24/2014 11:04	11/24/2014 16:05	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 11:19	11/25/2014 13:53	ALD



Sample Information

Client Sample ID: A1 Comp (3-6)

York Sample ID: 14K0830-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 9:00 am

11/21/2014

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/24/2014 10:52	11/24/2014 13:43	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	78.5		%	0.100	0.100	1	SM 2540G	12/01/2014 11:46	12/02/2014 10:21	KK

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.446	0.637	1	EPA 7196A	12/01/2014 10:09	12/01/2014 18:04	KK

Corrosivity

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
	pH	8.37		HT-pH pH units		0.500	1	EPA 9045D	12/02/2014 13:42	12/02/2014 15:58	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/02/2014 10:48	12/02/2014 15:54	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	24.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/02/2014 10:50	12/02/2014 15:55	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:27	KK



Sample Information

Client Sample ID: A1 Grab (3-6)

York Sample ID: 14K0830-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 9:30 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	13000	26000	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
110-82-7	Cyclohexane	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
78-93-3	2-Butanone	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
591-78-6	2-Hexanone	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
67-64-1	Acetone	ND		ug/kg dry	640	1300	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
107-02-8	Acrolein	ND		ug/kg dry	640	1300	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
71-43-2	Benzene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
75-25-2	Bromoform	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
74-83-9	Bromomethane	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
75-00-3	Chloroethane	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
67-66-3	Chloroform	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
74-87-3	Chloromethane	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK



Sample Information

Client Sample ID: A1 Grab (3-6)

York Sample ID: 14K0830-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 9:30 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
74-95-3	Dibromomethane	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
108-87-2	Methyleyclohexane	1200		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
79-20-9	Methyl acetate	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
75-09-2	Methylene chloride	ND		ug/kg dry	640	1300	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
95-47-6	o-Xylene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	640	1300	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
135-98-8	sec-Butylbenzene	650		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
100-42-5	Styrene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
108-88-3	Toluene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	320	640	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	960	1900	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	80.3 %			76-130						
2037-26-5	Surrogate: Toluene-d8	120 %			85-120						

Volatile Organics, Tentatively Identified Cmpds.

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
527-53-7	1,2,4,5-Tetramethylbenzene	4800	JN	ug/kg dry			100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
NA	alkylbenzene isomers	10000	J	ug/kg dry			100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK



Sample Information

Client Sample ID: A1 Grab (3-6)

York Sample ID: 14K0830-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 9:30 am

11/21/2014

Volatile Organics, Tentatively Identified Cmpds.

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
NA	alkylcyclohexane isomers	96000	J	ug/kg dry			100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
NA	alkylindene isomer	26000	J	ug/kg dry			100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
NA	alkylnaphthalene isomers	37000	J	ug/kg dry			100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
NA	Heptane isomer	30000	J	ug/kg dry			100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
NA	Hexane isomer	23000	J	ug/kg dry			100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
NA	methylcycloheptane isomer	9300	J	ug/kg dry			100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
NA	Methyldodecane isomer	9500	J	ug/kg dry			100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK
NA	unknown	9500	J	ug/kg dry			100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:01	BK

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	78.3		%	0.100	0.100	1	SM 2540G	12/01/2014 11:46	12/02/2014 10:21	KK

Sample Information

Client Sample ID: A1 Comp (6-9)

York Sample ID: 14K0830-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 10:00 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
98-86-2	Acetophenone	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
120-12-7	Anthracene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
1912-24-9	Atrazine	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
92-87-5	Benzidine	ND		ug/kg dry	101	202	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
65-85-0	Benzoic acid	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR



Sample Information

Client Sample ID: A1 Comp (6-9)

York Sample ID: 14K0830-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 10:00 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
105-60-2	Caprolactam	ND		ug/kg dry	50.3	101	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
86-74-8	Carbazole	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
218-01-9	Chrysene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	50.3	101	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	50.3	101	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
206-44-0	Fluoranthene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
86-73-7	Fluorene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR



Sample Information

Client Sample ID: A1 Comp (6-9)

York Sample ID: 14K0830-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 10:00 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
91-57-6	2-Methylnaphthalene	57.9		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
91-20-3	Naphthalene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	50.3	101	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	50.3	101	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	50.3	101	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	50.3	101	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
85-01-8	Phenanthrene	66.0		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
108-95-2	Phenol	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
129-00-0	Pyrene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
95-95-4	2,4,5-Trichlorophenol	38.6	J	ug/kg dry	25.2	50.3	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	47.0 %		10-99
4165-62-2	Surrogate: Phenol-d5	52.7 %		10-108
4165-60-0	Surrogate: Nitrobenzene-d5	47.5 %		10-119
321-60-8	Surrogate: 2-Fluorobiphenyl	54.0 %		10-114
118-79-6	Surrogate: 2,4,6-Tribromophenol	39.5 %		10-106
1718-51-0	Surrogate: Terphenyl-d14	51.8 %		10-123

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	hexyl Cyclohexane isomer	2650	JN	ug/kg dry			1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
NA	methyl Decane isomer	2250	JN	ug/kg dry			1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
NA	Methylocdecacene isomer	1970	JN	ug/kg dry			1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
4292-92-6	Pentyl Cyclohexane	2740	JN	ug/kg dry			1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
629-59-4	Tetradecane	2370	JN	ug/kg dry			1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR
NA	Unknow PAH-possible Benz acephenanthrylene isomer	2010	JN	ug/kg dry			1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:22	SR



Sample Information

Client Sample ID: A1 Comp (6-9)

York Sample ID: 14K0830-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 10:00 am

11/21/2014

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	2.99	2.99	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.99	2.99	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.99	2.99	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.99	2.99	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.99	2.99	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.99	2.99	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.99	2.99	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
57-74-9	Chlordane, total	ND		ug/kg dry	11.9	11.9	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.99	2.99	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.99	2.99	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.99	2.99	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.99	2.99	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.99	2.99	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.99	2.99	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.99	2.99	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
72-20-8	Endrin	ND		ug/kg dry	2.99	2.99	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.99	2.99	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.99	2.99	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.99	2.99	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.99	2.99	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
72-43-5	Methoxychlor	ND		ug/kg dry	14.9	14.9	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
8001-35-2	Toxaphene	ND		ug/kg dry	151	151	5	EPA 8081B	11/26/2014 08:51	12/01/2014 16:56	JW
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	64.3 %	30-140								
877-09-8	Surrogate: Tetrachloro-m-xylene	51.2 %	30-140								



Sample Information

Client Sample ID: A1 Comp (6-9)

York Sample ID: 14K0830-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 10:00 am

11/21/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.0302	0.0302	1	EPA 8082A	11/26/2014 08:51	12/01/2014 17:52	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0302	0.0302	1	EPA 8082A	11/26/2014 08:51	12/01/2014 17:52	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0302	0.0302	1	EPA 8082A	11/26/2014 08:51	12/01/2014 17:52	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0302	0.0302	1	EPA 8082A	11/26/2014 08:51	12/01/2014 17:52	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0302	0.0302	1	EPA 8082A	11/26/2014 08:51	12/01/2014 17:52	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0302	0.0302	1	EPA 8082A	11/26/2014 08:51	12/01/2014 17:52	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0302	0.0302	1	EPA 8082A	11/26/2014 08:51	12/01/2014 17:52	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0302	0.0302	1	EPA 8082A	11/26/2014 08:51	12/01/2014 17:52	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	57.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	57.5 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	408		mg/kg dry	60.3	60.3	1	NJDEP EPH Rev 3.0	12/01/2014 14:30	12/02/2014 10:55	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	60.5 %		40-140							
84-15-1	Surrogate: o-Terphenyl	59.0 %		40-140							

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	9100		mg/kg dry	1.21	1.21	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW
7440-36-0	Antimony	ND		mg/kg dry	0.603	0.603	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW
7440-38-2	Arsenic	4.16		mg/kg dry	1.21	1.21	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW
7440-39-3	Barium	66.6		mg/kg dry	1.21	1.21	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.121	0.121	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.362	0.362	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW
7440-70-2	Calcium	2870		mg/kg dry	0.603	6.03	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW
7440-47-3	Chromium	17.2		mg/kg dry	0.603	0.603	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW
7440-48-4	Cobalt	9.63		mg/kg dry	0.603	0.603	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW
7440-50-8	Copper	30.1		mg/kg dry	0.603	0.603	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW
7439-89-6	Iron	20100		mg/kg dry	2.41	2.41	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW
7439-92-1	Lead	70.8		mg/kg dry	0.362	0.362	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW
7439-95-4	Magnesium	2780		mg/kg dry	6.03	6.03	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW



Sample Information

Client Sample ID: A1 Comp (6-9)

York Sample ID: 14K0830-05

York Project (SDG) No.

14K0830

Client Project ID

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 10:00 am

Date Received

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	359		mg/kg dry	0.603	0.603	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW
7440-02-0	Nickel	14.9		mg/kg dry	0.603	0.603	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW
7440-09-7	Potassium	1410		mg/kg dry	6.03	6.03	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW
7782-49-2	Selenium	2.65		mg/kg dry	1.21	1.21	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW
7440-22-4	Silver	ND		mg/kg dry	0.603	0.603	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW
7440-23-5	Sodium	62.2		mg/kg dry	12.1	12.1	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW
7440-28-0	Thallium	ND		mg/kg dry	1.21	1.21	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW
7440-62-2	Vanadium	28.9		mg/kg dry	1.21	1.21	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW
7440-66-6	Zinc	62.0		mg/kg dry	1.21	1.21	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:20	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:24	MW
7440-39-3	Barium	0.495		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:24	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:24	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:24	MW
7439-92-1	Lead	0.168		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:24	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:24	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:24	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0901		mg/kg dry	0.0362	0.0362	1	EPA 7473	11/24/2014 11:04	11/24/2014 16:17	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 11:19	11/25/2014 13:53	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/24/2014 10:52	11/24/2014 13:43	AA

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: A1 Comp (6-9)

York Sample ID: 14K0830-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 10:00 am

11/21/2014

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	82.9		%	0.100	0.100	1	SM 2540G	12/01/2014 11:46	12/02/2014 10:21	KK

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.422	0.603	1	EPA 7196A	12/01/2014 10:09	12/01/2014 18:04	KK

Corrosivity

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
	pH	7.81	HT-pH	pH units		0.500	1	EPA 9045D	12/02/2014 13:42	12/02/2014 15:58	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/02/2014 10:48	12/02/2014 15:54	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	24.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/02/2014 10:50	12/02/2014 15:55	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:27	KK

Sample Information

Client Sample ID: A1 Grab (6-9)

York Sample ID: 14K0830-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:00 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS



Sample Information

Client Sample ID: A1 Grab (6-9)

York Sample ID: 14K0830-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:00 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	6000	12000	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
110-82-7	Cyclohexane	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
78-93-3	2-Butanone	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
591-78-6	2-Hexanone	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
67-64-1	Acetone	ND		ug/kg dry	600	1200	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
107-02-8	Acrolein	ND		ug/kg dry	600	1200	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
71-43-2	Benzene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
75-25-2	Bromoform	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
74-83-9	Bromomethane	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
75-00-3	Chloroethane	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
67-66-3	Chloroform	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
74-87-3	Chloromethane	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS



Sample Information

Client Sample ID: A1 Grab (6-9)

York Sample ID: 14K0830-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:00 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
108-87-2	Methylcyclohexane	2000		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
79-20-9	Methyl acetate	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
75-09-2	Methylene chloride	ND		ug/kg dry	600	1200	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
95-47-6	o-Xylene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	600	1200	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
100-42-5	Styrene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
108-88-3	Toluene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	300	600	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	910	1800	100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.1 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	89.5 %	76-130								
2037-26-5	Surrogate: Toluene-d8	105 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

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
527-53-7	1,2,4,5-Tetramethylbenzene	2600	JN	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
NA	butyl Cyclohexane isomer	4200	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
NA	dimethyl Cyclohexane isomer	4100	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
NA	dimethyl Decane isomer	5300	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS



Sample Information

Client Sample ID: A1 Grab (6-9)

York Sample ID: 14K0830-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:00 am

11/21/2014

Volatile Organics, Tentatively Identified Cmpds.

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
NA	dimethyl octane isomer	6000	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
NA	dimethyl Undecane isomer	4800	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
NA	ethyl methyl cyclohexane isomer	3900	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
NA	ethyl methyl heptane isomer	7500	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
NA	ethyl trimethyl benzene isomer	3900	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
NA	methyl tridecane isomer	4000	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
NA	pentyl Cyclohexane isomer	6400	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
NA	propyl Cyclohexane isomer	11000	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
NA	Tetramethyl Benzene isomer	7000	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
NA	tetramethyl cyclohexane isomer	7500	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS
NA	trimethyl cyclohexane isomers	9100	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 02:56	SS

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.8		%	0.100	0.100	1	SM 2540G	12/01/2014 11:46	12/02/2014 10:21	KK

Sample Information

Client Sample ID: A1 Comp (9-12)

York Sample ID: 14K0830-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:30 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	48.9		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
98-86-2	Acetophenone	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
120-12-7	Anthracene	51.6		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
1912-24-9	Atrazine	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
92-87-5	Benzidine	ND		ug/kg dry	95.8	192	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
56-55-3	Benzo(a)anthracene	37.9	J	ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR



Sample Information

Client Sample ID: A1 Comp (9-12)

York Sample ID: 14K0830-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:30 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
65-85-0	Benzoic acid	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
105-60-2	Caprolactam	ND		ug/kg dry	47.8	95.6	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
86-74-8	Carbazole	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
218-01-9	Chrysene	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	47.8	95.6	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	47.8	95.6	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
206-44-0	Fluoranthene	37.9	J	ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
86-73-7	Fluorene	62.7		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR



Sample Information

Client Sample ID: A1 Comp (9-12)

York Sample ID: 14K0830-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:30 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
78-59-1	Isophorone	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
91-57-6	2-Methylnaphthalene	220		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
91-20-3	Naphthalene	55.8		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	47.8	95.6	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	47.8	95.6	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	47.8	95.6	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	47.8	95.6	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
85-01-8	Phenanthrene	149		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
108-95-2	Phenol	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
129-00-0	Pyrene	78.4		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	24.0	47.8	1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	51.3 %	10-99								
4165-62-2	Surrogate: Phenol-d5	54.7 %	10-108								
4165-60-0	Surrogate: Nitrobenzene-d5	52.7 %	10-119								
321-60-8	Surrogate: 2-Fluorobiphenyl	61.8 %	10-114								
118-79-6	Surrogate: 2,4,6-Tribromophenol	42.1 %	10-106								
1718-51-0	Surrogate: Terphenyl-d14	58.8 %	10-123								

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	dimethyl tetradecane isomer	4240	JN	ug/kg dry			1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
NA	methyl Cyclopentane isomer	2180	JN	ug/kg dry			1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR
NA	Pentadecylcyclohexane isomer	2100	JN	ug/kg dry			1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR



Sample Information

Client Sample ID: A1 Comp (9-12)

York Sample ID: 14K0830-07

York Project (SDG) No.

14K0830

Client Project ID

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 11:30 am

Date Received

11/21/2014

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	Unkonw PAH-possible Benz acephenanthrylene isomer	1910	JN	ug/kg dry			1	EPA 8270D	11/25/2014 10:00	11/25/2014 22:53	SR

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
57-74-9	Chlordane, total	ND		ug/kg dry	11.4	11.4	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
72-20-8	Endrin	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
72-43-5	Methoxychlor	ND		ug/kg dry	14.2	14.2	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
8001-35-2	Toxaphene	ND		ug/kg dry	144	144	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:12	JW
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	65.3 %	30-140								
877-09-8	Surrogate: Tetrachloro-m-xylene	52.0 %	30-140								



Sample Information

Client Sample ID: A1 Comp (9-12)

York Sample ID: 14K0830-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:30 am

11/21/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.0287	0.0287	1	EPA 8082A	11/26/2014 08:51	12/01/2014 18:21	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0287	0.0287	1	EPA 8082A	11/26/2014 08:51	12/01/2014 18:21	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0287	0.0287	1	EPA 8082A	11/26/2014 08:51	12/01/2014 18:21	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0287	0.0287	1	EPA 8082A	11/26/2014 08:51	12/01/2014 18:21	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0287	0.0287	1	EPA 8082A	11/26/2014 08:51	12/01/2014 18:21	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0287	0.0287	1	EPA 8082A	11/26/2014 08:51	12/01/2014 18:21	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0287	0.0287	1	EPA 8082A	11/26/2014 08:51	12/01/2014 18:21	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0287	0.0287	1	EPA 8082A	11/26/2014 08:51	12/01/2014 18:21	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	59.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	61.5 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	726		mg/kg dry	57.4	57.4	1	NJDEP EPH Rev 3.0	11/24/2014 16:21	11/25/2014 20:49	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	60.5 %		40-140							
84-15-1	Surrogate: o-Terphenyl	60.9 %		40-140							

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	9970		mg/kg dry	1.15	1.15	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW
7440-36-0	Antimony	ND		mg/kg dry	0.574	0.574	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW
7440-38-2	Arsenic	1.92		mg/kg dry	1.15	1.15	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW
7440-39-3	Barium	127		mg/kg dry	1.15	1.15	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.115	0.115	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.344	0.344	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW
7440-70-2	Calcium	1060		mg/kg dry	0.574	5.74	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW
7440-47-3	Chromium	22.3		mg/kg dry	0.574	0.574	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW
7440-48-4	Cobalt	9.38		mg/kg dry	0.574	0.574	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW
7440-50-8	Copper	14.7		mg/kg dry	0.574	0.574	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW
7439-89-6	Iron	20500		mg/kg dry	2.29	2.29	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW
7439-92-1	Lead	34.0		mg/kg dry	0.344	0.344	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW
7439-95-4	Magnesium	3730		mg/kg dry	5.74	5.74	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW



Sample Information

Client Sample ID: A1 Comp (9-12)

York Sample ID: 14K0830-07

York Project (SDG) No.

14K0830

Client Project ID

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 11:30 am

Date Received

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	206		mg/kg dry	0.574	0.574	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW
7440-02-0	Nickel	16.8		mg/kg dry	0.574	0.574	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW
7440-09-7	Potassium	1840		mg/kg dry	5.74	5.74	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW
7782-49-2	Selenium	2.68		mg/kg dry	1.15	1.15	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW
7440-22-4	Silver	ND		mg/kg dry	0.574	0.574	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW
7440-23-5	Sodium	38.1		mg/kg dry	11.5	11.5	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW
7440-28-0	Thallium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW
7440-62-2	Vanadium	26.8		mg/kg dry	1.15	1.15	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW
7440-66-6	Zinc	38.9		mg/kg dry	1.15	1.15	1	EPA 6010C	12/01/2014 15:47	12/01/2014 22:25	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:29	MW
7440-39-3	Barium	0.452		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:29	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:29	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:29	MW
7439-92-1	Lead	0.060		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:29	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:29	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:29	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0344	0.0344	1	EPA 7473	11/24/2014 11:04	11/24/2014 16:25	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 11:19	11/25/2014 13:53	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/24/2014 10:52	11/24/2014 13:43	AA

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: A1 Comp (9-12)

York Sample ID: 14K0830-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:30 am

11/21/2014

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	87.2		%	0.100	0.100	1	SM 2540G	12/01/2014 11:46	12/02/2014 10:21	KK

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.401	0.574	1	EPA 7196A	12/01/2014 10:09	12/01/2014 18:04	KK

Corrosivity

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
	pH	7.94	HT-pH	pH units		0.500	1	EPA 9045D	12/02/2014 13:42	12/02/2014 15:58	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/02/2014 10:48	12/02/2014 15:54	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	16.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/02/2014 10:50	12/02/2014 15:55	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:27	KK

Sample Information

Client Sample ID: A1 Grab (9-12)

York Sample ID: 14K0830-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:35 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK



Sample Information

Client Sample ID: A1 Grab (9-12)

York Sample ID: 14K0830-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:35 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	11000	23000	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
110-82-7	Cyclohexane	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
78-93-3	2-Butanone	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
591-78-6	2-Hexanone	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
67-64-1	Acetone	ND		ug/kg dry	570	1100	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
107-02-8	Acrolein	ND		ug/kg dry	570	1100	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
71-43-2	Benzene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
75-25-2	Bromoform	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
74-83-9	Bromomethane	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
75-00-3	Chloroethane	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
67-66-3	Chloroform	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
74-87-3	Chloromethane	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK



Sample Information

Client Sample ID: A1 Grab (9-12)

York Sample ID: 14K0830-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:35 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
108-87-2	Methylcyclohexane	1600		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
98-82-8	Isopropylbenzene	430	J	ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
79-20-9	Methyl acetate	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
75-09-2	Methylene chloride	ND		ug/kg dry	570	1100	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
103-65-1	n-Propylbenzene	430	J	ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
95-47-6	o-Xylene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	570	1100	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
135-98-8	sec-Butylbenzene	940		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
100-42-5	Styrene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
108-88-3	Toluene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	280	570	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	850	1700	100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	116 %			77-125						
460-00-4	Surrogate: p-Bromofluorobenzene	85.1 %			76-130						
2037-26-5	Surrogate: Toluene-d8	76.4 %	S-08		85-120						

Volatile Organics, Tentatively Identified Cmpds.

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
527-53-7	1,2,4,5-Tetramethylbenzene	5500	JN	ug/kg dry			100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
NA	alkylbenzene isomers	11000	J	ug/kg dry			100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
NA	alkylcyclohexane isomers	57000	J	ug/kg dry			100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
NA	alkylindene isomer	4100	J	ug/kg dry			100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK



Sample Information

Client Sample ID: A1 Grab (9-12)

York Sample ID: 14K0830-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0830

Grid Section A1 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:35 am

11/21/2014

Volatile Organics, Tentatively Identified Cmpds.

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
NA	alkylnaphthalene isomers	4500	J	ug/kg dry			100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
NA	cyclopropane isomer	6900	J	ug/kg dry			100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
NA	Methyldecane isomer	6400	J	ug/kg dry			100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
91-20-3	Naphthalene	2600	JN	ug/kg dry			100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK
NA	unknown	5800	J	ug/kg dry			100	EPA 8260C	11/26/2014 13:24	11/27/2014 08:37	BK

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.3		%	0.100	0.100	1	SM 2540G	12/01/2014 11:46	12/02/2014 10:21	KK



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14K0830-02	A1 Grab (0-3)	2 oz. WM Clear Glass Cool to 4° C
14K0830-04	A1 Grab (3-6)	2 oz. WM Clear Glass Cool to 4° C
14K0830-06	A1 Grab (6-9)	2 oz. WM Clear Glass Cool to 4° C
14K0830-08	A1 Grab (9-12)	2 oz. WM Clear Glass Cool to 4° C



Notes and Definitions

S-08	The recovery of this surrogate was outside of QC limits.
S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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.
PF-01	No Free Liquid
JN	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
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.
IGN-01	Non-Ignit.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
EXT-COMP	Completed
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20% AND correlation coefficient <0.990 for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis



Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

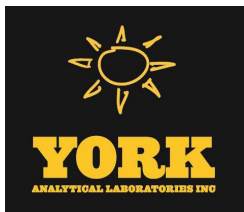
Certification for pH is no longer offered by NYDOH ELAP.

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



York Project No.

Comments: 	Preservation (check all applicable)									
	4°C	Frozen	ZnAc	HCl	Ascorbic Acid	MeOH	HNO ₃	H ₂ SO ₄	NaOH	
Special Instructions Field Filtered ☐ Lab to Filter ☐	Samples Relinquished By <u> </u> Date/Time <u>11/21/14</u>									
	Samples Relinquished By <u> </u> Date/Time <u>11/21/14</u>									
	Samples Relinquished By <u> </u> Date/Time <u>11/21/14</u>									
Samples Received By <u> </u> Date/Time <u>11/21/14</u>										
Samples Received in LAB by <u> </u> Date/Time <u>11/21/14</u>										
Temperature on Receipt <u>5.0</u> °C										



Technical Report

prepared for:

Environmental Business Consultants

1808 Middle Country Rd.

Ridge NY, 11961

Attention: Charles Sosik

Report Date: 12/02/2014

Client Project ID: Grid Section A2 25 Kent Avenue, Brooklyn, NY

York Project (SDG) No.: 14K0834

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 12/02/2014
Client Project ID: Grid Section A2 25 Kent Avenue, Brooklyn, NY
York Project (SDG) No.: 14K0834

Environmental Business Consultants
1808 Middle Country Rd.
Ridge NY, 11961
Attention: Charles Sosik

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 21, 2014 and listed below. The project was identified as your project: **Grid Section A2 25 Kent Avenue, Brooklyn, NY.**

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0834-01	A2 Comp (0-3)	Soil	11/20/2014	11/21/2014
14K0834-02	A2 Grab (0-3)	Soil	11/20/2014	11/21/2014
14K0834-03	A2 Comp (3-6)	Soil	11/20/2014	11/21/2014
14K0834-04	A2 Grab (3-6)	Soil	11/20/2014	11/21/2014
14K0834-05	A2 Comp (6-9)	Soil	11/20/2014	11/21/2014
14K0834-06	A2 Grab (6-9)	Soil	11/20/2014	11/21/2014
14K0834-07	A2 Comp (9-12)	Soil	11/20/2014	11/21/2014
14K0834-08	A2 Grab (9-12)	Soil	11/20/2014	11/21/2014

General Notes for York Project (SDG) No.: 14K0834

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/02/2014





Sample Information

Client Sample ID: A2 Comp (0-3)

York Sample ID: 14K0834-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:30 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	154		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
208-96-8	Acenaphthylene	95.3		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
98-86-2	Acetophenone	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
120-12-7	Anthracene	496		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
1912-24-9	Atrazine	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
92-87-5	Benzidine	ND		ug/kg dry	90.7	181	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
50-32-8	Benzo(a)pyrene	314		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
205-99-2	Benzo(b)fluoranthene	173		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
191-24-2	Benzo(g,h,i)perylene	170		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
65-85-0	Benzoic acid	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
207-08-9	Benzo(k)fluoranthene	250		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
105-60-2	Caprolactam	ND		ug/kg dry	45.3	90.5	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
86-74-8	Carbazole	69.5		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
218-01-9	Chrysene	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
53-70-3	Dibenzo(a,h)anthracene	136		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
84-74-2	Di-n-butyl phthalate	53.6		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH



Sample Information

Client Sample ID: A2 Comp (0-3)

York Sample ID: 14K0834-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:30 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	45.3	90.5	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	45.3	90.5	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
206-44-0	Fluoranthene	674		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
86-73-7	Fluorene	203		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
193-39-5	Indeno(1,2,3-cd)pyrene	193		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
78-59-1	Isophorone	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
91-57-6	2-Methylnaphthalene	61.2		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
91-20-3	Naphthalene	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	45.3	90.5	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	45.3	90.5	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	45.3	90.5	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	45.3	90.5	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
85-01-8	Phenanthrene	527		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
108-95-2	Phenol	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
129-00-0	Pyrene	2040		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
88-06-2	2,4,6-Trichlorophenol	34.8	J	ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH



Sample Information

Client Sample ID: A2 Comp (0-3)

York Sample ID: 14K0834-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:30 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	22.7	45.3	1	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	43.1 %									
4165-62-2	Surrogate: Phenol-d5	44.9 %									
4165-60-0	Surrogate: Nitrobenzene-d5	47.6 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	75.1 %									
118-79-6	Surrogate: 2,4,6-Tribromophenol	75.9 %									
1718-51-0	Surrogate: Terphenyl-d14	89.8 %									

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	dimethyl Indene isomer	14000	JN	ug/kg dry			2	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
NA	methyl Pyrene isomer	7240	JN	ug/kg dry			2	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
NA	Nondecane	6660	JN	ug/kg dry			2	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH
NA	Unknown PAH-possible Benz acephenanthrylene isomer	3620	JN	ug/kg dry			2	EPA 8270D	11/25/2014 10:00	11/26/2014 04:00	KH

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	2.69	2.69	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.69	2.69	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.69	2.69	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.69	2.69	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.69	2.69	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.69	2.69	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.69	2.69	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
57-74-9	Chlordane, total	ND		ug/kg dry	10.8	10.8	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.69	2.69	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.69	2.69	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.69	2.69	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.69	2.69	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.69	2.69	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.69	2.69	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.69	2.69	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
72-20-8	Endrin	ND		ug/kg dry	2.69	2.69	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW



Sample Information

Client Sample ID: A2 Comp (0-3)

York Sample ID: 14K0834-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:30 am

11/21/2014

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.69	2.69	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.69	2.69	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.69	2.69	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.69	2.69	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
72-43-5	Methoxychlor	ND		ug/kg dry	13.4	13.4	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
8001-35-2	Toxaphene	ND		ug/kg dry	136	136	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:28	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	51.8 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	49.9 %		30-140							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.0272	0.0272	1	EPA 8082A	11/26/2014 08:51	12/01/2014 18:50	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0272	0.0272	1	EPA 8082A	11/26/2014 08:51	12/01/2014 18:50	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0272	0.0272	1	EPA 8082A	11/26/2014 08:51	12/01/2014 18:50	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0272	0.0272	1	EPA 8082A	11/26/2014 08:51	12/01/2014 18:50	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0272	0.0272	1	EPA 8082A	11/26/2014 08:51	12/01/2014 18:50	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0272	0.0272	1	EPA 8082A	11/26/2014 08:51	12/01/2014 18:50	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0272	0.0272	1	EPA 8082A	11/26/2014 08:51	12/01/2014 18:50	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0272	0.0272	1	EPA 8082A	11/26/2014 08:51	12/01/2014 18:50	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	50.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	48.5 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		2980		mg/kg dry	54.3	54.3	1	NJDEP EPH Rev 3.0	11/24/2014 16:21	11/25/2014 21:18	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	69.9 %		40-140							
84-15-1	Surrogate: o-Terphenyl	49.5 %		40-140							



Sample Information

Client Sample ID: A2 Comp (0-3)

York Sample ID: 14K0834-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:30 am

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5210		mg/kg dry	1.09	1.09	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7440-36-0	Antimony	2.51		mg/kg dry	0.543	0.543	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7440-38-2	Arsenic	15.6		mg/kg dry	1.09	1.09	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7440-39-3	Barium	202		mg/kg dry	1.09	1.09	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.109	0.109	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7440-43-9	Cadmium	0.601		mg/kg dry	0.326	0.326	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7440-70-2	Calcium	14700		mg/kg dry	0.543	5.43	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7440-47-3	Chromium	15.5		mg/kg dry	0.543	0.543	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7440-48-4	Cobalt	9.62		mg/kg dry	0.543	0.543	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7440-50-8	Copper	105		mg/kg dry	0.543	0.543	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7439-89-6	Iron	29800		mg/kg dry	2.17	2.17	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7439-92-1	Lead	712		mg/kg dry	0.326	0.326	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7439-95-4	Magnesium	4780		mg/kg dry	5.43	5.43	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7439-96-5	Manganese	299		mg/kg dry	0.543	0.543	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7440-02-0	Nickel	14.3		mg/kg dry	0.543	0.543	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7440-09-7	Potassium	1520		mg/kg dry	5.43	5.43	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7782-49-2	Selenium	3.65		mg/kg dry	1.09	1.09	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7440-22-4	Silver	ND		mg/kg dry	0.543	0.543	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7440-23-5	Sodium	177		mg/kg dry	10.9	10.9	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7440-62-2	Vanadium	34.2		mg/kg dry	1.09	1.09	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW
7440-66-6	Zinc	507		mg/kg dry	1.09	1.09	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:31	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:34	MW
7440-39-3	Barium	1.19		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:34	MW
7440-43-9	Cadmium	0.011		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:34	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:34	MW
7439-92-1	Lead	6.90		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:34	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:34	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:34	MW



Sample Information

Client Sample ID: A2 Comp (0-3)

York Sample ID: 14K0834-01

York Project (SDG) No.

14K0834

Client Project ID

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 11:30 am

Date Received

11/21/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.993		mg/kg dry	0.0326	0.0326	1	EPA 7473	11/24/2014 11:04	11/24/2014 16:34	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 11:19	11/25/2014 13:53	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/24/2014 10:52	11/24/2014 13:43	AA

Paint Filter Test

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
	* Paint Filter Test	No Free Liquid		-	0	0	1	EPA 9095A	12/01/2014 12:48	12/01/2014 13:07	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.0		%	0.100	0.100	1	SM 2540G	12/01/2014 11:46	12/02/2014 10:21	KK

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.380	0.543	1	EPA 7196A	12/01/2014 10:09	12/01/2014 18:04	KK

Corrosivity

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
	pH	8.77		HT-pH pH units		0.500	1	EPA 9045D	12/02/2014 13:42	12/02/2014 15:58	SCA

Reactivity-Cyanide

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: A2 Comp (0-3)

York Sample ID: 14K0834-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:30 am

11/21/2014

Reactivity-Cyanide

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
* Reactivity - Cyanide		ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/02/2014 10:48	12/02/2014 15:54	AD

Reactivity-Sulfide

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
* Reactivity - Sulfide		24.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/02/2014 10:50	12/02/2014 15:55	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:27	KK

Sample Information

Client Sample ID: A2 Grab (0-3)

York Sample ID: 14K0834-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:45 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
95-63-6	1,2,4-Trimethylbenzene	11	J	ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS



Sample Information

Client Sample ID: A2 Grab (0-3)

York Sample ID: 14K0834-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:45 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
108-67-8	1,3,5-Trimethylbenzene	5.8	J	ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	120	230	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
110-82-7	Cyclohexane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
78-93-3	2-Butanone	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
591-78-6	2-Hexanone	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
67-64-1	Acetone	ND		ug/kg dry	12	23	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
107-02-8	Acrolein	ND		ug/kg dry	12	23	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
71-43-2	Benzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
75-25-2	Bromoform	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
74-83-9	Bromomethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
67-66-3	Chloroform	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
74-87-3	Chloromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
74-95-3	Dibromomethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
79-20-9	Methyl acetate	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
75-09-2	Methylene chloride	ND		ug/kg dry	12	23	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS



Sample Information

Client Sample ID: A2 Grab (0-3)

York Sample ID: 14K0834-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:45 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	23	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
100-42-5	Styrene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
108-88-3	Toluene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	17	35	1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.7 %				77-125					
460-00-4	Surrogate: p-Bromofluorobenzene	113 %				76-130					
2037-26-5	Surrogate: Toluene-d8	105 %				85-120					

Volatile Organics, Tentatively Identified Cmpds.

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
NA	butyl Cyclohexane isomer	43	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
NA	dihydro dimethyl indene isomer	31	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
NA	dimethyl undecane isomers	160	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
NA	Dodecane isomer	53	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
NA	Ethyl Dimethyl Benzene isomer	110	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
NA	ethyl methyl cyclohexane isomer	30	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
NA	methyl (methylethyl) cyclopentane isomer	79	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
NA	methyl Nonane isomer	77	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
NA	Methyl undecane isomer	33	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
91-20-3	Naphthalene	25	JN	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
NA	pentamethyl Benzene isomer	31	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS
NA	tetrahydro naphalene isomer	71	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 03:54	SS



Sample Information

Client Sample ID: A2 Grab (0-3)

York Sample ID: 14K0834-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 11:45 am

11/21/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.7		%	0.100	0.100	1	SM 2540G	12/01/2014 11:46	12/02/2014 10:21	KK

Sample Information

Client Sample ID: A2 Comp (3-6)

York Sample ID: 14K0834-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:00 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	47.7	J	ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
98-86-2	Acetophenone	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
120-12-7	Anthracene	117		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
1912-24-9	Atrazine	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
92-87-5	Benzidine	ND		ug/kg dry	102	204	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
56-55-3	Benzo(a)anthracene	485		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
50-32-8	Benzo(a)pyrene	305		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
205-99-2	Benzo(b)fluoranthene	156		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
191-24-2	Benzo(g,h,i)perylene	155		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
65-85-0	Benzoic acid	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
207-08-9	Benzo(k)fluoranthene	264		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
105-60-2	Caprolactam	ND		ug/kg dry	51.1	102	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
86-74-8	Carbazole	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH



Sample Information

Client Sample ID: A2 Comp (3-6)

York Sample ID: 14K0834-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:00 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
218-01-9	Chrysene	586		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
53-70-3	Dibenzo(a,h)anthracene	143		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	51.1	102	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	51.1	102	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
206-44-0	Fluoranthene	956		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
86-73-7	Fluorene	40.8	J	ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
193-39-5	Indeno(1,2,3-cd)pyrene	202		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
78-59-1	Isophorone	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
91-20-3	Naphthalene	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	51.1	102	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	51.1	102	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	51.1	102	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH



Sample Information

Client Sample ID: A2 Comp (3-6)

York Sample ID: 14K0834-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:00 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	51.1	102	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
85-01-8	Phenanthrene	704		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
108-95-2	Phenol	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
129-00-0	Pyrene	1160		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	25.6	51.1	1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	71.4 %									
4165-62-2	Surrogate: Phenol-d5	75.7 %									
4165-60-0	Surrogate: Nitrobenzene-d5	69.3 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	85.8 %									
118-79-6	Surrogate: 2,4,6-Tribromophenol	13.6 %	S-08								
1718-51-0	Surrogate: Terphenyl-d14	135 %	S-08								

Semi-Volatiles, Tentatively Identified Cmpds.

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
1486-75-5	cyclododecane isomer	1140	JN	ug/kg dry			1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
NA	Docosane	1510	JN	ug/kg dry			1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
NA	methylchrysene isomer	979	JN	ug/kg dry			1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
NA	ocane isomers	775	JN	ug/kg dry			1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
NA	Pentacosane	1220	JN	ug/kg dry			1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH
NA	Unknown PAH-possible Benz acephenanthrylene isomer	2040	JN	ug/kg dry			1	EPA 8270D	11/25/2014 10:00	11/26/2014 02:55	KH



Sample Information

Client Sample ID: A2 Comp (3-6)

York Sample ID: 14K0834-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:00 pm

11/21/2014

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	3.03	3.03	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.03	3.03	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
319-85-7	beta-BHC	ND		ug/kg dry	3.03	3.03	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
319-86-8	delta-BHC	ND		ug/kg dry	3.03	3.03	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	3.03	3.03	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	3.03	3.03	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	3.03	3.03	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
57-74-9	Chlordane, total	ND		ug/kg dry	12.1	12.1	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	3.03	3.03	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	3.03	3.03	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	3.03	3.03	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
60-57-1	Dieldrin	ND		ug/kg dry	3.03	3.03	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
959-98-8	Endosulfan I	ND		ug/kg dry	3.03	3.03	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	3.03	3.03	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	3.03	3.03	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
72-20-8	Endrin	ND		ug/kg dry	3.03	3.03	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	3.03	3.03	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	3.03	3.03	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.03	3.03	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	3.03	3.03	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
72-43-5	Methoxychlor	ND		ug/kg dry	15.2	15.2	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
8001-35-2	Toxaphene	ND		ug/kg dry	153	153	5	EPA 8081B	11/26/2014 08:51	12/01/2014 17:44	JW
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	71.5 %	30-140								
877-09-8	Surrogate: Tetrachloro-m-xylene	60.0 %	30-140								



Sample Information

Client Sample ID: A2 Comp (3-6)

York Sample ID: 14K0834-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:00 pm

11/21/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.0306	0.0306	1	EPA 8082A	11/26/2014 08:51	12/01/2014 19:20	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0306	0.0306	1	EPA 8082A	11/26/2014 08:51	12/01/2014 19:20	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0306	0.0306	1	EPA 8082A	11/26/2014 08:51	12/01/2014 19:20	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0306	0.0306	1	EPA 8082A	11/26/2014 08:51	12/01/2014 19:20	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0306	0.0306	1	EPA 8082A	11/26/2014 08:51	12/01/2014 19:20	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0306	0.0306	1	EPA 8082A	11/26/2014 08:51	12/01/2014 19:20	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0306	0.0306	1	EPA 8082A	11/26/2014 08:51	12/01/2014 19:20	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0306	0.0306	1	EPA 8082A	11/26/2014 08:51	12/01/2014 19:20	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	65.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	54.0 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		96.7		mg/kg dry	61.2	61.2	1	NJDEP EPH Rev 3.0	11/24/2014 16:21	11/25/2014 21:47	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	60.6 %		40-140							
84-15-1	Surrogate: o-Terphenyl	58.6 %		40-140							

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	5860		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW
7440-36-0	Antimony	3.06		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW
7440-38-2	Arsenic	13.0		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW
7440-39-3	Barium	1320		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.122	0.122	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW
7440-43-9	Cadmium	2.60		mg/kg dry	0.367	0.367	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW
7440-70-2	Calcium	34500		mg/kg dry	0.612	6.12	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW
7440-47-3	Chromium	16.2		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW
7440-48-4	Cobalt	5.67		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW
7440-50-8	Copper	53.3		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW
7439-89-6	Iron	13700		mg/kg dry	2.45	2.45	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW
7439-92-1	Lead	3230		mg/kg dry	0.367	0.367	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW



Sample Information

Client Sample ID: A2 Comp (3-6)

York Sample ID: 14K0834-03

York Project (SDG) No.

14K0834

Client Project ID

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 12:00 pm

Date Received

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	2770		mg/kg dry	6.12	6.12	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW
7439-96-5	Manganese	283		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW
7440-02-0	Nickel	13.8		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW
7440-09-7	Potassium	866		mg/kg dry	6.12	6.12	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW
7782-49-2	Selenium	1.78		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW
7440-22-4	Silver	ND		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW
7440-23-5	Sodium	198		mg/kg dry	12.2	12.2	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW
7440-28-0	Thallium	ND		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW
7440-62-2	Vanadium	17.2		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW
7440-66-6	Zinc	1870		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:36	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:39	MW
7440-39-3	Barium	0.521		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:39	MW
7440-43-9	Cadmium	0.026		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:39	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:39	MW
7439-92-1	Lead	1.11		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:39	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:39	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:39	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.42		mg/kg dry	0.0367	0.0367	1	EPA 7473	11/24/2014 11:04	11/24/2014 16:47	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 13:01	11/26/2014 06:10	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/24/2014 10:52	11/24/2014 13:43	AA



Sample Information

Client Sample ID: A2 Comp (3-6)

York Sample ID: 14K0834-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:00 pm

11/21/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	81.7		%	0.100	0.100	1	SM 2540G	12/01/2014 11:46	12/02/2014 10:21	KK

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.429	0.612	1	EPA 7196A	12/01/2014 10:09	12/01/2014 18:04	KK

Corrosivity

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
	pH	8.64	HT-pH	pH units		0.500	1	EPA 9045D	12/02/2014 13:42	12/02/2014 15:58	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/02/2014 10:48	12/02/2014 15:54	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	16.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/02/2014 10:50	12/02/2014 15:55	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:27	KK

Sample Information

Client Sample ID: A2 Grab (3-6)

York Sample ID: 14K0834-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:15 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: A2 Grab (3-6)

York Sample ID: 14K0834-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:15 pm

11/21/2014

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	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
95-63-6	1,2,4-Trimethylbenzene	9.2	J	ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	130	260	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
110-82-7	Cyclohexane	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
591-78-6	2-Hexanone	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
67-64-1	Acetone	ND		ug/kg dry	13	26	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
107-02-8	Acrolein	ND		ug/kg dry	13	26	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
71-43-2	Benzene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
75-25-2	Bromoform	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
74-83-9	Bromomethane	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
75-00-3	Chloroethane	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
67-66-3	Chloroform	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
74-87-3	Chloromethane	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS



Sample Information

Client Sample ID: A2 Grab (3-6)

York Sample ID: 14K0834-04

York Project (SDG) No.

14K0834

Client Project ID

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 12:15 pm

Date Received

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
74-95-3	Dibromomethane	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
79-20-9	Methyl acetate	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
75-09-2	Methylene chloride	ND		ug/kg dry	13	26	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
95-47-6	o-Xylene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	13	26	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
100-42-5	Styrene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
108-88-3	Toluene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.6	13	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	20	39	1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.2 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	98.9 %	76-130								
2037-26-5	Surrogate: Toluene-d8	102 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: A2 Grab (3-6)

York Sample ID: 14K0834-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:15 pm

11/21/2014

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
NA	dimethyl Decane isomer	66	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
NA	dimethyl Naphthalene isomer	15	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
NA	dimethyl undecane isomers	41	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
NA	ethyl Decanol isomer	15	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
NA	ethyl Hexanol isomer	14	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
NA	Ethyl Methyl Benzene isomer	15	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS
NA	Methyl (methylethyl) benzene isomer	14	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 04:23	SS

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	76.2		%	0.100	0.100	1	SM 2540G	12/01/2014 11:46	12/02/2014 10:21	KK

Sample Information

Client Sample ID: A2 Comp (6-9)

York Sample ID: 14K0834-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:20 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	2970		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
98-86-2	Acetophenone	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
120-12-7	Anthracene	4960		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
1912-24-9	Atrazine	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
92-87-5	Benzidine	ND		ug/kg dry	2380	4760	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
56-55-3	Benzo(a)anthracene	6280		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
50-32-8	Benzo(a)pyrene	4360		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
205-99-2	Benzo(b)fluoranthene	3670		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
191-24-2	Benzo(g,h,i)perylene	1940		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
65-85-0	Benzoic acid	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
207-08-9	Benzo(k)fluoranthene	4140		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR



Sample Information

Client Sample ID: A2 Comp (6-9)

York Sample ID: 14K0834-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:20 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
105-60-2	Caprolactam	ND		ug/kg dry	1190	2370	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
86-74-8	Carbazole	1300		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
218-01-9	Chrysene	7020		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
53-70-3	Dibenzo(a,h)anthracene	1190		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1190	2370	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1190	2370	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
206-44-0	Fluoranthene	16200		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
86-73-7	Fluorene	3430		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR



Sample Information

Client Sample ID: A2 Comp (6-9)

York Sample ID: 14K0834-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:20 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	1970		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
78-59-1	Isophorone	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
91-57-6	2-Methylnaphthalene	9000		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
91-20-3	Naphthalene	4460		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	1190	2370	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	1190	2370	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	1190	2370	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	1190	2370	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
85-01-8	Phenanthrene	23700		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
108-95-2	Phenol	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
129-00-0	Pyrene	15300		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	595	1190	20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	45.3 %									
4165-62-2	Surrogate: Phenol-d5	96.3 %									
4165-60-0	Surrogate: Nitrobenzene-d5	%	S-01								
321-60-8	Surrogate: 2-Fluorobiphenyl	114 %									
118-79-6	Surrogate: 2,4,6-Tribromophenol	41.5 %									
1718-51-0	Surrogate: Terphenyl-d14	107 %									

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	(1,1-dimethylpropyl)-benzene isomer	36100	JN	ug/kg dry			20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
NA	unknown aromatic hydrocarbon	45600	JN	ug/kg dry			20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
NA	unknown cyclohexane	50300	JN	ug/kg dry			20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
NA	Unknown Heptane	58900	JN	ug/kg dry			20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR



Sample Information

Client Sample ID: A2 Comp (6-9)

York Sample ID: 14K0834-05

York Project (SDG) No.

14K0834

Client Project ID

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 12:20 pm

Date Received

11/21/2014

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	Unkown Alkane	49400	JN	ug/kg dry			20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
NA	Unkown Aromatic	46500	JN	ug/kg dry			20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
NA	Unkown Cyclodecane	40800	JN	ug/kg dry			20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
NA	Unkown Cyclohexane	65500	JN	ug/kg dry			20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
NA	Unkown Dimethyl Benzene	34200	JN	ug/kg dry			20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
NA	Unkown Heptadecane	32300	JN	ug/kg dry			20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
NA	Unkown Methyl Heptadecane	36100	JN	ug/kg dry			20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
NA	Unkown Penta Cyclohexane	36100	JN	ug/kg dry			20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
NA	Unkown Pentadecane	80700	JN	ug/kg dry			20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
NA	Unkown Tridecane	33200	JN	ug/kg dry			20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR
NA	Unkown Trimethyl Decane	51300	JN	ug/kg dry			20	EPA 8270D	11/26/2014 14:38	12/01/2014 10:42	SR

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	3.52	3.52	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.52	3.52	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
319-85-7	beta-BHC	ND		ug/kg dry	3.52	3.52	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
319-86-8	delta-BHC	ND		ug/kg dry	3.52	3.52	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	3.52	3.52	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	3.52	3.52	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	3.52	3.52	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
57-74-9	Chlordane, total	ND		ug/kg dry	14.1	14.1	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	3.52	3.52	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	3.52	3.52	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	3.52	3.52	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
60-57-1	Dieldrin	ND		ug/kg dry	3.52	3.52	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
959-98-8	Endosulfan I	ND		ug/kg dry	3.52	3.52	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	3.52	3.52	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	3.52	3.52	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
72-20-8	Endrin	ND		ug/kg dry	3.52	3.52	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	3.52	3.52	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	3.52	3.52	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.52	3.52	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	3.52	3.52	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
72-43-5	Methoxychlor	ND		ug/kg dry	17.6	17.6	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW



Sample Information

Client Sample ID: A2 Comp (6-9)

York Sample ID: 14K0834-05

York Project (SDG) No.

14K0834

Client Project ID

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 12:20 pm

Date Received

11/21/2014

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	178	178	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:00	JW
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	34.0 %			30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	55.9 %			30-140						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.0356	0.0356	1	EPA 8082A	11/26/2014 08:51	12/01/2014 19:49	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0356	0.0356	1	EPA 8082A	11/26/2014 08:51	12/01/2014 19:49	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0356	0.0356	1	EPA 8082A	11/26/2014 08:51	12/01/2014 19:49	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0356	0.0356	1	EPA 8082A	11/26/2014 08:51	12/01/2014 19:49	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0356	0.0356	1	EPA 8082A	11/26/2014 08:51	12/01/2014 19:49	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0356	0.0356	1	EPA 8082A	11/26/2014 08:51	12/01/2014 19:49	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0356	0.0356	1	EPA 8082A	11/26/2014 08:51	12/01/2014 19:49	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0356	0.0356	1	EPA 8082A	11/26/2014 08:51	12/01/2014 19:49	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	31.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	34.0 %			30-140						

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		15200		mg/kg dry	3560	3560	50	NJDEP EPH Rev 3.0	11/24/2014 16:21	12/01/2014 14:47	JW
Surrogate Recoveries		Result			Acceptance Range						
3386-33-2	Surrogate: 1-Chlorooctadecane	%	S-01		40-140						
84-15-1	Surrogate: o-Terphenyl	%	S-01		40-140						

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	4210		mg/kg dry	1.42	1.42	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW
7440-36-0	Antimony	26.3		mg/kg dry	0.712	0.712	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW
7440-38-2	Arsenic	1800		mg/kg dry	1.42	1.42	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW
7440-39-3	Barium	342		mg/kg dry	1.42	1.42	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW



Sample Information

Client Sample ID: A2 Comp (6-9)

York Sample ID: 14K0834-05

York Project (SDG) No.

14K0834

Client Project ID

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 12:20 pm

Date Received

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.142	0.142	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW
7440-43-9	Cadmium	1.26		mg/kg dry	0.427	0.427	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW
7440-70-2	Calcium	15900		mg/kg dry	0.712	7.12	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW
7440-47-3	Chromium	18.6		mg/kg dry	0.712	0.712	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW
7440-48-4	Cobalt	33.8		mg/kg dry	0.712	0.712	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW
7440-50-8	Copper	500		mg/kg dry	0.712	0.712	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW
7439-89-6	Iron	60200		mg/kg dry	28.5	28.5	10	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW
7439-92-1	Lead	9350		mg/kg dry	0.427	0.427	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW
7439-95-4	Magnesium	2240		mg/kg dry	7.12	7.12	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW
7439-96-5	Manganese	165		mg/kg dry	0.712	0.712	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW
7440-02-0	Nickel	21.5		mg/kg dry	0.712	0.712	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW
7440-09-7	Potassium	603		mg/kg dry	7.12	7.12	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW
7782-49-2	Selenium	27.8		mg/kg dry	1.42	1.42	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW
7440-22-4	Silver	ND		mg/kg dry	0.712	0.712	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW
7440-23-5	Sodium	176		mg/kg dry	14.2	14.2	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW
7440-28-0	Thallium	1.57		mg/kg dry	1.42	1.42	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW
7440-62-2	Vanadium	14.9		mg/kg dry	1.42	1.42	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW
7440-66-6	Zinc	1110		mg/kg dry	1.42	1.42	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:44	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	0.289		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:58	MW
7440-39-3	Barium	0.852		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:58	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:58	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:58	MW
7439-92-1	Lead	0.008		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:58	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:58	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 04:58	MW



Sample Information

Client Sample ID: A2 Comp (6-9)

York Sample ID: 14K0834-05

York Project (SDG) No.

14K0834

Client Project ID

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 12:20 pm

Date Received

11/21/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	12.9		mg/kg dry	0.0427	0.0427	1	EPA 7473	11/24/2014 11:04	11/25/2014 07:21	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 13:01	11/26/2014 06:10	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:09	11/26/2014 17:20	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	70.2		%	0.100	0.100	1	SM 2540G	12/01/2014 11:46	12/02/2014 10:21	KK

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.498	0.712	1	EPA 7196A	12/01/2014 10:09	12/01/2014 18:04	KK

Corrosivity

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
	pH	8.27	HT-pH	pH units		0.500	1	EPA 9045D	12/02/2014 13:42	12/02/2014 15:58	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/02/2014 10:48	12/02/2014 15:54	AD

Reactivity-Sulfide

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: A2 Comp (6-9)

York Sample ID: 14K0834-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:20 pm

11/21/2014

Reactivity-Sulfide

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
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/02/2014 10:50	12/02/2014 15:55	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:27	KK

Sample Information

Client Sample ID: A2 Grab (6-9)

York Sample ID: 14K0834-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:25 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
95-63-6	1,2,4-Trimethylbenzene	2700		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS



Sample Information

Client Sample ID: A2 Grab (6-9)

York Sample ID: 14K0834-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:25 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg dry	6500	13000	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
110-82-7	Cyclohexane	1000		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
78-93-3	2-Butanone	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
591-78-6	2-Hexanone	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
67-64-1	Acetone	ND		ug/kg dry	650	1300	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
107-02-8	Acrolein	ND		ug/kg dry	650	1300	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
71-43-2	Benzene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
75-25-2	Bromoform	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
74-83-9	Bromomethane	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
75-00-3	Chloroethane	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
67-66-3	Chloroform	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
74-87-3	Chloromethane	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
74-95-3	Dibromomethane	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
108-87-2	Methylcyclohexane	3100		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
98-82-8	Isopropylbenzene	460	J	ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
79-20-9	Methyl acetate	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
75-09-2	Methylene chloride	ND		ug/kg dry	650	1300	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
103-65-1	n-Propylbenzene	700		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
95-47-6	o-Xylene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	650	1300	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS



Sample Information

Client Sample ID: A2 Grab (6-9)

York Sample ID: 14K0834-06

York Project (SDG) No.

14K0834

Client Project ID

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 12:25 pm

Date Received

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	910		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
100-42-5	Styrene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
108-88-3	Toluene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	320	650	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	970	1900	100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	96.2 %	76-130								
2037-26-5	Surrogate: Toluene-d8	112 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

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
527-53-7	1,2,4,5-Tetramethylbenzene	3400	JN	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
NA	bicyclo nonane isomer	6000	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
NA	butyl Cyclohexane isomer	5900	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
NA	dihydro dimethyl indene isomer	5500	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
NA	dimethyl Decane isomer	4000	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
NA	dimethyl octane isomer	9200	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
NA	dimethyl Undecane isomer	4200	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
NA	ethyl methyl cyclohexane isomer	7500	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
NA	ethyl methyl heptane isomer	17000	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
NA	Methyl (methylethyl) benzene isomer	6000	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
NA	methyl propyl cyclohexane isomer	4300	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
NA	pentyl Cyclohexane isomer	6900	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
NA	Tetramethyl Benzene isomer	7500	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
NA	tetramethyl cyclohexane isomer	10000	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS
NA	trimethyl cyclohexane isomers	12000	J	ug/kg dry			100	EPA 8260C	11/25/2014 16:23	11/26/2014 04:52	SS



Sample Information

Client Sample ID: A2 Grab (6-9)

York Sample ID: 14K0834-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:25 pm

11/21/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	77.0		%	0.100	0.100	1	SM 2540G	12/01/2014 11:46	12/02/2014 10:21	KK

Sample Information

Client Sample ID: A2 Comp (9-12)

York Sample ID: 14K0834-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:30 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	1370		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
98-86-2	Acetophenone	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
120-12-7	Anthracene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
1912-24-9	Atrazine	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
92-87-5	Benzidine	ND		ug/kg dry	2750	5500	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
65-85-0	Benzoic acid	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
105-60-2	Caprolactam	ND		ug/kg dry	1370	2740	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
86-74-8	Carbazole	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH



Sample Information

Client Sample ID: A2 Comp (9-12)

York Sample ID: 14K0834-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:30 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
218-01-9	Chrysene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
132-64-9	Dibenzofuran	1230	J	ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1370	2740	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1370	2740	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
206-44-0	Fluoranthene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
86-73-7	Fluorene	1610		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
78-59-1	Isophorone	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
91-57-6	2-Methylnaphthalene	20800		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
91-20-3	Naphthalene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	1370	2740	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH



Sample Information

Client Sample ID: A2 Comp (9-12)

York Sample ID: 14K0834-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:30 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	1370	2740	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	1370	2740	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	1370	2740	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
85-01-8	Phenanthrene	1620		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
108-95-2	Phenol	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
129-00-0	Pyrene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	688	1370	25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	78.0 %						10-99			
4165-62-2	Surrogate: Phenol-d5	72.5 %						10-108			
4165-60-0	Surrogate: Nitrobenzene-d5	1970 %	S-06					10-119			
321-60-8	Surrogate: 2-Fluorobiphenyl	142 %	S-06					10-114			
118-79-6	Surrogate: 2,4,6-Tribromophenol	93.4 %						10-106			
1718-51-0	Surrogate: Terphenyl-d14	98.3 %						10-123			

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	butly Cyclohexane isomer	48300	JN	ug/kg dry			25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
NA	dimethyl Undecane isomer	69200	JN	ug/kg dry			25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
NA	methyl Octane isomer	69200	JN	ug/kg dry			25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
593-45-3	Octadecane	43900	JN	ug/kg dry			25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH
NA	undecyl Cyclohexane isomer	57100	JN	ug/kg dry			25	EPA 8270D	11/25/2014 10:00	12/02/2014 11:37	KH



Sample Information

Client Sample ID: A2 Comp (9-12)

York Sample ID: 14K0834-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:30 pm

11/21/2014

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	3.26	3.26	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.26	3.26	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
319-85-7	beta-BHC	ND		ug/kg dry	3.26	3.26	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
319-86-8	delta-BHC	ND		ug/kg dry	3.26	3.26	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	3.26	3.26	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	3.26	3.26	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	3.26	3.26	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
57-74-9	Chlordane, total	ND		ug/kg dry	13.0	13.0	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	3.26	3.26	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	3.26	3.26	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	3.26	3.26	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
60-57-1	Dieldrin	ND		ug/kg dry	3.26	3.26	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
959-98-8	Endosulfan I	ND		ug/kg dry	3.26	3.26	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	3.26	3.26	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	3.26	3.26	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
72-20-8	Endrin	ND		ug/kg dry	3.26	3.26	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	3.26	3.26	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	3.26	3.26	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.26	3.26	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	3.26	3.26	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
72-43-5	Methoxychlor	ND		ug/kg dry	16.3	16.3	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
8001-35-2	Toxaphene	ND		ug/kg dry	165	165	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:16	JW
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	32.0 %	30-140								
877-09-8	Surrogate: Tetrachloro-m-xylene	55.4 %	30-140								



Sample Information

Client Sample ID: A2 Comp (9-12)

York Sample ID: 14K0834-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:30 pm

11/21/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.0329	0.0329	1	EPA 8082A	11/26/2014 08:51	12/01/2014 20:18	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0329	0.0329	1	EPA 8082A	11/26/2014 08:51	12/01/2014 20:18	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0329	0.0329	1	EPA 8082A	11/26/2014 08:51	12/01/2014 20:18	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0329	0.0329	1	EPA 8082A	11/26/2014 08:51	12/01/2014 20:18	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0329	0.0329	1	EPA 8082A	11/26/2014 08:51	12/01/2014 20:18	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0329	0.0329	1	EPA 8082A	11/26/2014 08:51	12/01/2014 20:18	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0329	0.0329	1	EPA 8082A	11/26/2014 08:51	12/01/2014 20:18	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0329	0.0329	1	EPA 8082A	11/26/2014 08:51	12/01/2014 20:18	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	49.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	41.0 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		10000		mg/kg dry	3290	3290	50	NJDEP EPH Rev 3.0	11/24/2014 16:21	12/01/2014 15:15	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	%	S-01	40-140							
84-15-1	Surrogate: o-Terphenyl	%	S-01	40-140							

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	4910		mg/kg dry	1.32	1.32	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW
7440-36-0	Antimony	7.29		mg/kg dry	0.659	0.659	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW
7440-38-2	Arsenic	854		mg/kg dry	1.32	1.32	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW
7440-39-3	Barium	288		mg/kg dry	1.32	1.32	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.132	0.132	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.395	0.395	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW
7440-70-2	Calcium	7160		mg/kg dry	0.659	6.59	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW
7440-47-3	Chromium	11.6		mg/kg dry	0.659	0.659	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW
7440-48-4	Cobalt	9.21		mg/kg dry	0.659	0.659	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW
7440-50-8	Copper	212		mg/kg dry	0.659	0.659	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW
7439-89-6	Iron	50700		mg/kg dry	2.63	2.63	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW
7439-92-1	Lead	3740		mg/kg dry	0.395	0.395	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW



Sample Information

Client Sample ID: A2 Comp (9-12)

York Sample ID: 14K0834-07

York Project (SDG) No.

14K0834

Client Project ID

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 12:30 pm

Date Received

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	2420		mg/kg dry	6.59	6.59	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW
7439-96-5	Manganese	667		mg/kg dry	0.659	0.659	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW
7440-02-0	Nickel	5.58		mg/kg dry	0.659	0.659	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW
7440-09-7	Potassium	693		mg/kg dry	6.59	6.59	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW
7782-49-2	Selenium	48.0		mg/kg dry	1.32	1.32	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW
7440-22-4	Silver	ND		mg/kg dry	0.659	0.659	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW
7440-23-5	Sodium	171		mg/kg dry	13.2	13.2	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW
7440-28-0	Thallium	ND		mg/kg dry	1.32	1.32	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW
7440-62-2	Vanadium	14.2		mg/kg dry	1.32	1.32	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW
7440-66-6	Zinc	465		mg/kg dry	1.32	1.32	1	EPA 6010C	12/02/2014 08:57	12/02/2014 10:52	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:03	MW
7440-39-3	Barium	0.637		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:03	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:03	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:03	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:03	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:03	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:03	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.60		mg/kg dry	0.0395	0.0395	1	EPA 7473	11/24/2014 11:04	11/24/2014 17:22	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 13:01	11/26/2014 06:10	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:09	11/26/2014 17:20	AA



Sample Information

Client Sample ID: A2 Comp (9-12)

York Sample ID: 14K0834-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:30 pm

11/21/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	75.9		%	0.100	0.100	1	SM 2540G	12/01/2014 11:44	12/01/2014 17:27	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.461	0.659	1	EPA 7196A	12/01/2014 10:09	12/01/2014 18:04	KK

Corrosivity

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
	pH	7.91	HT-pH	pH units		0.500	1	EPA 9045D	12/02/2014 13:42	12/02/2014 15:58	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/02/2014 10:48	12/02/2014 15:54	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/02/2014 10:50	12/02/2014 15:55	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:27	KK

Sample Information

Client Sample ID: A2 Grab (9-12)

York Sample ID: 14K0834-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:35 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: A2 Grab (9-12)

York Sample ID: 14K0834-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:35 pm

11/21/2014

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	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
95-63-6	1,2,4-Trimethylbenzene	1200		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	6200	12000	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
110-82-7	Cyclohexane	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
78-93-3	2-Butanone	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
591-78-6	2-Hexanone	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
67-64-1	Acetone	ND		ug/kg dry	620	1200	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
107-02-8	Acrolein	ND		ug/kg dry	620	1200	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
71-43-2	Benzene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
75-25-2	Bromoform	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
74-83-9	Bromomethane	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
75-00-3	Chloroethane	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
67-66-3	Chloroform	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
74-87-3	Chloromethane	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS



Sample Information

Client Sample ID: A2 Grab (9-12)

York Sample ID: 14K0834-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:35 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
74-95-3	Dibromomethane	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
108-87-2	Methylcyclohexane	510	J	ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
98-82-8	Isopropylbenzene	350	J	ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
79-20-9	Methyl acetate	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
75-09-2	Methylene chloride	ND		ug/kg dry	620	1200	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
103-65-1	n-Propylbenzene	370	J	ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
95-47-6	o-Xylene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	620	1200	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
100-42-5	Styrene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
108-88-3	Toluene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	310	620	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	930	1900	100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	92.1 %	76-130								
2037-26-5	Surrogate: Toluene-d8	104 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: A2 Grab (9-12)

York Sample ID: 14K0834-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0834

Grid Section A2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:35 pm

11/21/2014

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
TIC1000	(methylpentyl) cyclohexane isomer	4400	J	ug/kg dry			100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
527-53-7	1,2,4,5-Tetramethylbenzene	2000	JN	ug/kg dry			100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
NA	decahydro methyl naphthalene isomer	3400	J	ug/kg dry			100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
NA	dimethyl (methylethyl) benzene isomer	3500	J	ug/kg dry			100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
NA	dimethyl octane isomer	7900	J	ug/kg dry			100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
NA	dimethyl Undecane isomer	3100	J	ug/kg dry			100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
NA	Ethyl Dimethyl Benzene isomer	4300	J	ug/kg dry			100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
NA	ethyl methyl cyclohexane isomer	6900	J	ug/kg dry			100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
NA	fluorododecane isomer	5600	J	ug/kg dry			100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
NA	methyl decane isomers	8100	J	ug/kg dry			100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
NA	Methyl undecane isomer	7900	J	ug/kg dry			100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
NA	pentyl Cyclohexane isomer	3200	J	ug/kg dry			100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
NA	tetramethyl cyclohexane isomer	8600	J	ug/kg dry			100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS
NA	Trimethyl cyclohexane isomer	5100	J	ug/kg dry			100	EPA 8260C	11/26/2014 07:33	11/26/2014 19:02	SS

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	80.8		%	0.100	0.100	1	SM 2540G	12/01/2014 11:44	12/01/2014 17:27	SCA



Analytical Batch Summary

Batch ID: BK41129 **Preparation Method:** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14K0834-01	A2 Comp (0-3)	11/24/14
14K0834-03	A2 Comp (3-6)	11/24/14

Batch ID: BK41135 **Preparation Method:** EPA SW 846-1311 TCLP ext. for met **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
14K0834-01	A2 Comp (0-3)	11/24/14
14K0834-03	A2 Comp (3-6)	11/24/14
14K0834-05	A2 Comp (6-9)	11/24/14
14K0834-07	A2 Comp (9-12)	11/24/14
BK41135-BLK1	Blank	11/24/14

Batch ID: BK41137 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14K0834-01	A2 Comp (0-3)	11/24/14
14K0834-03	A2 Comp (3-6)	11/24/14
14K0834-05	A2 Comp (6-9)	11/24/14
14K0834-07	A2 Comp (9-12)	11/24/14
BK41137-BLK1	Blank	11/24/14
BK41137-SRM1	Reference	11/24/14

Batch ID: BK41145 **Preparation Method:** EPA 3545A **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14K0834-01	A2 Comp (0-3)	11/24/14
14K0834-03	A2 Comp (3-6)	11/24/14
14K0834-05	A2 Comp (6-9)	11/24/14
14K0834-07	A2 Comp (9-12)	11/24/14
BK41145-BLK1	Blank	11/24/14
BK41145-BS1	LCS	11/24/14
BK41145-BSD1	LCS Dup	11/24/14

Batch ID: BK41184 **Preparation Method:** EPA 3550C **Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
14K0834-01	A2 Comp (0-3)	11/25/14
14K0834-03	A2 Comp (3-6)	11/25/14
14K0834-07	A2 Comp (9-12)	11/25/14
BK41184-BLK1	Blank	11/25/14
BK41184-BS1	LCS	11/25/14
BK41184-BSD1	LCS Dup	11/25/14

**Batch ID:** BK41189**Preparation Method:** EPA 7473 water**Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14K0834-01	A2 Comp (0-3)	11/25/14
BK41189-BLK1	Blank	11/25/14
BK41189-SRM1	Reference	11/25/14

Batch ID: BK41192**Preparation Method:** Analysis Preparation**Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14K0834-05	A2 Comp (6-9)	11/25/14
14K0834-07	A2 Comp (9-12)	11/25/14

Batch ID: BK41202**Preparation Method:** EPA 7473 water**Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14K0834-03	A2 Comp (3-6)	11/25/14
14K0834-05	A2 Comp (6-9)	11/25/14
14K0834-07	A2 Comp (9-12)	11/25/14
BK41202-BLK1	Blank	11/25/14
BK41202-DUP1	Duplicate	11/25/14
BK41202-MS1	Matrix Spike	11/25/14
BK41202-SRM1	Reference	11/25/14

Batch ID: BK41223**Preparation Method:** EPA 5035A**Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14K0834-02	A2 Grab (0-3)	11/25/14
14K0834-04	A2 Grab (3-6)	11/25/14
14K0834-06	A2 Grab (6-9)	11/25/14
BK41223-BLK1	Blank	11/25/14
BK41223-BS1	LCS	11/25/14
BK41223-BSD1	LCS Dup	11/25/14

Batch ID: BK41251**Preparation Method:** EPA 3545A**Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14K0834-01	A2 Comp (0-3)	11/26/14
14K0834-01	A2 Comp (0-3)	11/26/14
14K0834-03	A2 Comp (3-6)	11/26/14
14K0834-03	A2 Comp (3-6)	11/26/14
14K0834-05	A2 Comp (6-9)	11/26/14
14K0834-05	A2 Comp (6-9)	11/26/14
14K0834-07	A2 Comp (9-12)	11/26/14
14K0834-07	A2 Comp (9-12)	11/26/14
BK41251-BLK1	Blank	11/26/14
BK41251-BLK1	Blank	11/26/14
BK41251-BS1	LCS	11/26/14
BK41251-BS2	LCS	11/26/14



BK41251-BSD1

LCS Dup

11/26/14

Batch ID: BK41258**Preparation Method:** EPA 5035A**Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14K0834-08	A2 Grab (9-12)	11/26/14
BK41258-BLK1	Blank	11/26/14
BK41258-BS1	LCS	11/26/14
BK41258-BSD1	LCS Dup	11/26/14

Batch ID: BK41274**Preparation Method:** EPA 3550C**Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
14K0834-05	A2 Comp (6-9)	11/26/14
BK41274-BLK1	Blank	11/26/14
BK41274-BS1	LCS	11/26/14
BK41274-BSD1	LCS Dup	11/26/14

Batch ID: BL40017**Preparation Method:** EPA SW846-3060**Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
14K0834-01	A2 Comp (0-3)	12/01/14
14K0834-03	A2 Comp (3-6)	12/01/14
14K0834-05	A2 Comp (6-9)	12/01/14
14K0834-07	A2 Comp (9-12)	12/01/14
BL40017-BLK1	Blank	12/01/14
BL40017-SRM1	Reference	12/01/14

Batch ID: BL40025**Preparation Method:** % Solids Prep**Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
14K0834-07	A2 Comp (9-12)	12/01/14
14K0834-08	A2 Grab (9-12)	12/01/14

Batch ID: BL40026**Preparation Method:** % Solids Prep**Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
14K0834-01	A2 Comp (0-3)	12/01/14
14K0834-02	A2 Grab (0-3)	12/01/14
14K0834-03	A2 Comp (3-6)	12/01/14
14K0834-04	A2 Grab (3-6)	12/01/14
14K0834-05	A2 Comp (6-9)	12/01/14
14K0834-06	A2 Grab (6-9)	12/01/14
BL40026-DUP1	Duplicate	12/01/14

Batch ID: BL40034**Preparation Method:** Analysis Preparation**Prepared By:** AA



YORK Sample ID	Client Sample ID	Preparation Date

14K0834-01	A2 Comp (0-3)	12/01/14

Batch ID: BL40062	Preparation Method: EPA 3010A/1311	Prepared By: MW

YORK Sample ID	Client Sample ID	Preparation Date

14K0834-01	A2 Comp (0-3)	12/01/14
14K0834-03	A2 Comp (3-6)	12/01/14
14K0834-05	A2 Comp (6-9)	12/01/14
14K0834-07	A2 Comp (9-12)	12/01/14
BL40062-BLK1	Blank	12/01/14
BL40062-BLK2	Blank	12/01/14
BL40062-SRM1	Reference	12/01/14

Batch ID: BL40090	Preparation Method: EPA 3050B	Prepared By: MW

YORK Sample ID	Client Sample ID	Preparation Date

14K0834-01	A2 Comp (0-3)	12/02/14
14K0834-03	A2 Comp (3-6)	12/02/14
14K0834-05	A2 Comp (6-9)	12/02/14
14K0834-07	A2 Comp (9-12)	12/02/14
BL40090-BLK1	Blank	12/02/14
BL40090-SRM1	Reference	12/02/14

Batch ID: BL40107	Preparation Method: Analysis Preparation	Prepared By: AD

YORK Sample ID	Client Sample ID	Preparation Date

14K0834-01	A2 Comp (0-3)	12/02/14
14K0834-03	A2 Comp (3-6)	12/02/14
14K0834-05	A2 Comp (6-9)	12/02/14
14K0834-07	A2 Comp (9-12)	12/02/14
BL40107-BLK1	Blank	12/02/14

Batch ID: BL40108	Preparation Method: Analysis Preparation	Prepared By: AD

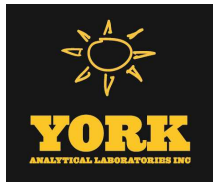
YORK Sample ID	Client Sample ID	Preparation Date

14K0834-01	A2 Comp (0-3)	12/02/14
14K0834-03	A2 Comp (3-6)	12/02/14
14K0834-05	A2 Comp (6-9)	12/02/14
14K0834-07	A2 Comp (9-12)	12/02/14
BL40108-BLK1	Blank	12/02/14
BL40108-BS1	LCS	12/02/14

Batch ID: BL40113	Preparation Method: Analysis Preparation	Prepared By: SCA

YORK Sample ID	Client Sample ID	Preparation Date

14K0834-01	A2 Comp (0-3)	12/02/14
14K0834-03	A2 Comp (3-6)	12/02/14



14K0834-05
14K0834-07

A2 Comp (6-9)
A2 Comp (9-12)

12/02/14
12/02/14



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK41223 - EPA 5035A

Blank (BK41223-BLK1)

Prepared & Analyzed: 11/25/2014

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet
Tentatively Identified Compounds	0.0		"
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	"
Bromochloromethane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	2.7	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
1,4-Dioxane	ND	100	"
Cyclohexane	ND	5.0	"
2-Butanone	ND	5.0	"
2-Hexanone	ND	5.0	"
4-Methyl-2-pentanone	ND	5.0	"
Acetone	ND	10	"
Acrolein	ND	10	"
Acrylonitrile	ND	5.0	"
Benzene	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"
Carbon disulfide	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	5.0	"
cis-1,2-Dichloroethylene	ND	5.0	"
cis-1,3-Dichloropropylene	ND	5.0	"
Dibromochloromethane	ND	5.0	"
Dibromomethane	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
Ethyl Benzene	ND	5.0	"
Methylcyclohexane	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl acetate	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylene chloride	ND	10	"
n-Butylbenzene	ND	5.0	"
1,2,3-Trichlorobenzene	4.6	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 BK41223 - EPA 5035A

Blank (BK41223-BLK1)

Prepared & Analyzed: 11/25/2014

n-Propylbenzene	ND	5.0	ug/kg wet
o-Xylene	ND	5.0	"
p- & m- Xylenes	ND	10	"
p-Isopropyltoluene	ND	5.0	"
sec-Butylbenzene	ND	5.0	"
Styrene	ND	5.0	"
tert-Butyl alcohol (TBA)	ND	5.0	"
tert-Butylbenzene	ND	5.0	"
Tetrachloroethylene	ND	5.0	"
Toluene	ND	5.0	"
trans-1,2-Dichloroethylene	ND	5.0	"
trans-1,3-Dichloropropylene	ND	5.0	"
Trichloroethylene	ND	5.0	"
Trichlorofluoromethane	ND	5.0	"
Vinyl Chloride	ND	5.0	"
Xylenes, Total	ND	15	"

Surrogate: 1,2-Dichloroethane-d4	51.8	ug/L	50.0	104	77-125
Surrogate: p-Bromofluorobenzene	49.8	"	50.0	99.5	76-130
Surrogate: Toluene-d8	48.7	"	50.0	97.3	85-120

LCS (BK41223-BS1)

Prepared & Analyzed: 11/25/2014

1,1,1,2-Tetrachloroethane	49	ug/L	50.0	97.2	75-129
1,1,1-Trichloroethane	49	"	50.0	98.0	71-137
1,1,2,2-Tetrachloroethane	53	"	50.0	106	79-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50	"	50.0	99.8	58-146
1,1,2-Trichloroethane	50	"	50.0	99.3	83-123
1,1-Dichloroethane	51	"	50.0	101	75-130
1,1-Dichloroethylene	49	"	50.0	98.2	64-137
Bromochloromethane	50	"	50.0	99.7	74-129
1,2,4-Trichlorobenzene	49	"	50.0	98.2	80-141
1,2,4-Trimethylbenzene	49	"	50.0	98.5	84-125
1,2-Dibromo-3-chloropropane	49	"	50.0	98.8	74-142
1,2-Dibromoethane	49	"	50.0	98.5	86-123
1,2-Dichlorobenzene	52	"	50.0	103	85-122
1,2-Dichloroethane	46	"	50.0	92.9	71-133
1,2-Dichloropropane	50	"	50.0	99.2	81-122
1,3,5-Trimethylbenzene	53	"	50.0	105	82-126
1,3-Dichlorobenzene	53	"	50.0	105	84-124
1,4-Dichlorobenzene	50	"	50.0	99.1	84-124
1,4-Dioxane	690	"	1000	69.3	10-228
Cyclohexane	46	"	50.0	92.1	70-130
2-Butanone	46	"	50.0	91.2	58-147
2-Hexanone	50	"	50.0	99.1	70-139
4-Methyl-2-pentanone	49	"	50.0	98.7	72-132
Acetone	42	"	50.0	83.0	36-155
Acrolein	290	"	50.0	588	10-238
Acrylonitrile	50	"	50.0	99.0	66-141
Benzene	50	"	50.0	101	77-127
Bromodichloromethane	50	"	50.0	99.1	81-124
Bromoform	51	"	50.0	101	80-136
Bromomethane	26	"	50.0	51.3	32-177
Carbon disulfide	49	"	50.0	98.6	10-136

High Bias



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 BK41223 - EPA 5035A

LCS (BK41223-BS1)

Prepared & Analyzed: 11/25/2014

Carbon tetrachloride	50		ug/L	50.0		99.9	66-143				
Chlorobenzene	51		"	50.0		102	86-120				
Chloroethane	40		"	50.0		79.0	51-142				
Chloroform	48		"	50.0		97.0	76-131				
Chloromethane	40		"	50.0		79.5	49-132				
cis-1,2-Dichloroethylene	51		"	50.0		102	74-132				
cis-1,3-Dichloropropylene	51		"	50.0		102	81-129				
Dibromochloromethane	50		"	50.0		101	10-200				
Dibromomethane	49		"	50.0		98.6	83-124				
Dichlorodifluoromethane	36		"	50.0		71.6	28-158				
Ethyl Benzene	49		"	50.0		97.7	84-125				
Methylcyclohexane	49		"	50.0		97.5	70-130				
Hexachlorobutadiene	51		"	50.0		101	83-133				
Isopropylbenzene	47		"	50.0		94.0	81-127				
Methyl acetate	44		"	50.0		87.6	41-143				
Methyl tert-butyl ether (MTBE)	48		"	50.0		95.2	74-131				
Methylene chloride	49		"	50.0		97.4	57-141				
n-Butylbenzene	51		"	50.0		102	80-130				
1,2,3-Trichlorobenzene	55		"	50.0		110	81-140				
n-Propylbenzene	52		"	50.0		103	74-136				
o-Xylene	49		"	50.0		98.3	83-123				
p- & m- Xylenes	97		"	100		96.9	82-128				
p-Isopropyltoluene	50		"	50.0		100	85-125				
sec-Butylbenzene	51		"	50.0		103	83-125				
Styrene	49		"	50.0		98.5	86-126				
tert-Butyl alcohol (TBA)	44		"	50.0		88.8	70-130				
tert-Butylbenzene	52		"	50.0		105	80-127				
Tetrachloroethylene	44		"	50.0		88.3	80-129				
Toluene	53		"	50.0		105	85-121				
trans-1,2-Dichloroethylene	49		"	50.0		97.1	72-132				
trans-1,3-Dichloropropylene	49		"	50.0		98.3	78-132				
Trichloroethylene	50		"	50.0		100	84-123				
Trichlorofluoromethane	44		"	50.0		88.3	62-140				
Vinyl Chloride	41		"	50.0		81.2	52-130				
Surrogate: 1,2-Dichloroethane-d4	46.2		"	50.0		92.3	77-125				
Surrogate: p-Bromofluorobenzene	47.0		"	50.0		94.1	76-130				
Surrogate: Toluene-d8	48.5		"	50.0		96.9	85-120				



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 BK41223 - EPA 5035A											
LCS Dup (BK41223-BSD1)						Prepared & Analyzed: 11/25/2014					
1,1,1,2-Tetrachloroethane	46		ug/L	50.0		92.4	75-129		4.98	30	
1,1,1-Trichloroethane	52		"	50.0		105	71-137		6.71	30	
1,1,2,2-Tetrachloroethane	51		"	50.0		103	79-129		3.31	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		104	58-146		3.95	30	
1,1,2-Trichloroethane	49		"	50.0		97.3	83-123		2.10	30	
1,1-Dichloroethane	54		"	50.0		108	75-130		6.26	30	
1,1-Dichloroethylene	49		"	50.0		98.9	64-137		0.751	30	
Bromochloromethane	55		"	50.0		109	74-129		9.04	30	
1,2,4-Trichlorobenzene	53		"	50.0		106	80-141		8.02	30	
1,2,4-Trimethylbenzene	52		"	50.0		103	84-125		4.49	30	
1,2-Dibromo-3-chloropropane	51		"	50.0		102	74-142		3.09	30	
1,2-Dibromoethane	49		"	50.0		98.6	86-123		0.0812	30	
1,2-Dichlorobenzene	52		"	50.0		103	85-122		0.0194	30	
1,2-Dichloroethane	49		"	50.0		97.1	71-133		4.51	30	
1,2-Dichloropropane	49		"	50.0		97.0	81-122		2.20	30	
1,3,5-Trimethylbenzene	51		"	50.0		101	82-126		3.78	30	
1,3-Dichlorobenzene	50		"	50.0		99.7	84-124		5.20	30	
1,4-Dichlorobenzene	49		"	50.0		98.2	84-124		0.932	30	
1,4-Dioxane	680		"	1000		67.6	10-228		2.40	30	
Cyclohexane	52		"	50.0		104	70-130		11.9	30	
2-Butanone	60		"	50.0		121	58-147		28.1	30	
2-Hexanone	53		"	50.0		107	70-139		7.43	30	
4-Methyl-2-pentanone	44		"	50.0		88.5	72-132		10.9	30	
Acetone	82		"	50.0		164	36-155	High Bias	65.6	30	Non-dir.
Acrolein	320		"	50.0		634	10-238	High Bias	7.55	30	
Acrylonitrile	49		"	50.0		97.3	66-141		1.73	30	
Benzene	51		"	50.0		102	77-127		1.42	30	
Bromodichloromethane	46		"	50.0		91.3	81-124		8.24	30	
Bromoform	51		"	50.0		101	80-136		0.0592	30	
Bromomethane	27		"	50.0		55.0	32-177		6.97	30	
Carbon disulfide	52		"	50.0		104	10-136		5.35	30	
Carbon tetrachloride	50		"	50.0		100	66-143		0.280	30	
Chlorobenzene	50		"	50.0		101	86-120		1.15	30	
Chloroethane	40		"	50.0		79.4	51-142		0.454	30	
Chloroform	52		"	50.0		104	76-131		7.33	30	
Chloromethane	40		"	50.0		79.7	49-132		0.302	30	
cis-1,2-Dichloroethylene	48		"	50.0		95.8	74-132		6.38	30	
cis-1,3-Dichloropropylene	45		"	50.0		91.0	81-129		11.8	30	
Dibromochloromethane	48		"	50.0		95.5	10-200		5.26	30	
Dibromomethane	48		"	50.0		96.7	83-124		1.93	30	
Dichlorodifluoromethane	35		"	50.0		70.3	28-158		1.86	30	
Ethyl Benzene	47		"	50.0		93.8	84-125		4.09	30	
Methylcyclohexane	44		"	50.0		89.0	70-130		9.07	30	
Hexachlorobutadiene	53		"	50.0		106	83-133		4.15	30	
Isopropylbenzene	51		"	50.0		102	81-127		7.83	30	
Methyl acetate	44		"	50.0		88.0	41-143		0.410	30	
Methyl tert-butyl ether (MTBE)	48		"	50.0		95.7	74-131		0.608	30	
Methylene chloride	49		"	50.0		97.2	57-141		0.206	30	
n-Butylbenzene	50		"	50.0		101	80-130		1.03	30	
1,2,3-Trichlorobenzene	54		"	50.0		108	81-140		2.37	30	
n-Propylbenzene	51		"	50.0		102	74-136		0.740	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 BK41223 - EPA 5035A

LCS Dup (BK41223-BSD1)

Prepared & Analyzed: 11/25/2014

o-Xylene	51		ug/L	50.0		103	83-123		4.59	30	
p- & m- Xylenes	92		"	100		91.6	82-128		5.67	30	
p-Isopropyltoluene	52		"	50.0		103	85-125		2.85	30	
sec-Butylbenzene	52		"	50.0		103	83-125		0.0388	30	
Styrene	53		"	50.0		106	86-126		7.66	30	
tert-Butyl alcohol (TBA)	46		"	50.0		92.5	70-130		4.08	30	
tert-Butylbenzene	42		"	50.0		84.5	80-127		21.3	30	
Tetrachloroethylene	60		"	50.0		120	80-129		30.2	30	Non-dir.
Toluene	50		"	50.0		99.0	85-121		6.13	30	
trans-1,2-Dichloroethylene	50		"	50.0		99.0	72-132		1.96	30	
trans-1,3-Dichloropropylene	46		"	50.0		91.6	78-132		7.01	30	
Trichloroethylene	49		"	50.0		97.6	84-123		2.59	30	
Trichlorofluoromethane	45		"	50.0		89.8	62-140		1.73	30	
Vinyl Chloride	42		"	50.0		84.8	52-130		4.34	30	
Surrogate: 1,2-Dichloroethane-d4	48.9		"	50.0		97.9	77-125				
Surrogate: p-Bromofluorobenzene	48.5		"	50.0		97.0	76-130				
Surrogate: Toluene-d8	51.3		"	50.0		103	85-120				

Batch BK41258 - EPA 5035A

Blank (BK41258-BLK1)

Prepared & Analyzed: 11/26/2014

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet
Tentatively Identified Compounds	0.0		"
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	"
Bromochloromethane	ND	5.0	"
1,2,4-Trichlorobenzene	2.6	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
1,4-Dioxane	ND	100	"
Cyclohexane	ND	5.0	"
2-Butanone	ND	5.0	"
2-Hexanone	ND	5.0	"
4-Methyl-2-pentanone	ND	5.0	"
Acetone	ND	10	"
Acrolein	ND	10	"
Acrylonitrile	ND	5.0	"
Benzene	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"



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 BK41258 - EPA 5035A

Blank (BK41258-BLK1)

Prepared & Analyzed: 11/26/2014

Carbon disulfide	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	"
Methylcyclohexane	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl acetate	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylene chloride	ND	10	"
n-Butylbenzene	ND	5.0	"
1,2,3-Trichlorobenzene	5.0	5.0	"
n-Propylbenzene	ND	5.0	"
o-Xylene	ND	5.0	"
p- & m- Xylenes	ND	10	"
p-Isopropyltoluene	ND	5.0	"
sec-Butylbenzene	ND	5.0	"
Styrene	ND	5.0	"
tert-Butyl alcohol (TBA)	ND	5.0	"
tert-Butylbenzene	ND	5.0	"
Tetrachloroethylene	ND	5.0	"
Toluene	ND	5.0	"
trans-1,2-Dichloroethylene	ND	5.0	"
trans-1,3-Dichloropropylene	ND	5.0	"
Trichloroethylene	ND	5.0	"
Trichlorofluoromethane	ND	5.0	"
Vinyl Chloride	ND	5.0	"
Xylenes, Total	ND	15	"

Surrogate: 1,2-Dichloroethane-d4	47.6	ug/L	50.0	95.1	77-125
Surrogate: p-Bromofluorobenzene	47.5	"	50.0	95.0	76-130
Surrogate: Toluene-d8	51.0	"	50.0	102	85-120



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 BK41258 - EPA 5035A											
LCS (BK41258-BS1)						Prepared & Analyzed: 11/26/2014					
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		101	75-129				
1,1,1-Trichloroethane	49		"	50.0		97.7	71-137				
1,1,2,2-Tetrachloroethane	55		"	50.0		110	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		104	58-146				
1,1,2-Trichloroethane	48		"	50.0		96.7	83-123				
1,1-Dichloroethane	49		"	50.0		99.0	75-130				
1,1-Dichloroethylene	50		"	50.0		101	64-137				
Bromochloromethane	50		"	50.0		100	74-129				
1,2,4-Trichlorobenzene	61		"	50.0		121	80-141				
1,2,4-Trimethylbenzene	54		"	50.0		109	84-125				
1,2-Dibromo-3-chloropropane	48		"	50.0		95.5	74-142				
1,2-Dibromoethane	50		"	50.0		99.9	86-123				
1,2-Dichlorobenzene	57		"	50.0		113	85-122				
1,2-Dichloroethane	46		"	50.0		91.3	71-133				
1,2-Dichloropropane	49		"	50.0		98.7	81-122				
1,3,5-Trimethylbenzene	51		"	50.0		101	82-126				
1,3-Dichlorobenzene	58		"	50.0		116	84-124				
1,4-Dichlorobenzene	57		"	50.0		114	84-124				
1,4-Dioxane	700		"	1000		69.8	10-228				
Cyclohexane	48		"	50.0		95.4	70-130				
2-Butanone	59		"	50.0		118	58-147				
2-Hexanone	52		"	50.0		104	70-139				
4-Methyl-2-pentanone	44		"	50.0		88.1	72-132				
Acetone	76		"	50.0		152	36-155				
Acrolein	300		"	50.0		597	10-238	High Bias			
Acrylonitrile	45		"	50.0		90.7	66-141				
Benzene	51		"	50.0		101	77-127				
Bromodichloromethane	50		"	50.0		100	81-124				
Bromoform	52		"	50.0		104	80-136				
Bromomethane	29		"	50.0		58.9	32-177				
Carbon disulfide	50		"	50.0		99.5	10-136				
Carbon tetrachloride	50		"	50.0		99.3	66-143				
Chlorobenzene	55		"	50.0		109	86-120				
Chloroethane	37		"	50.0		73.5	51-142				
Chloroform	49		"	50.0		97.6	76-131				
Chloromethane	42		"	50.0		83.2	49-132				
cis-1,2-Dichloroethylene	51		"	50.0		103	74-132				
cis-1,3-Dichloropropylene	49		"	50.0		97.4	81-129				
Dibromochloromethane	51		"	50.0		101	10-200				
Dibromomethane	48		"	50.0		95.8	83-124				
Dichlorodifluoromethane	45		"	50.0		89.6	28-158				
Ethyl Benzene	47		"	50.0		93.9	84-125				
Methylcyclohexane	48		"	50.0		95.8	70-130				
Hexachlorobutadiene	57		"	50.0		114	83-133				
Isopropylbenzene	53		"	50.0		106	81-127				
Methyl acetate	45		"	50.0		89.0	41-143				
Methyl tert-butyl ether (MTBE)	44		"	50.0		88.9	74-131				
Methylene chloride	47		"	50.0		94.5	57-141				
n-Butylbenzene	55		"	50.0		111	80-130				
1,2,3-Trichlorobenzene	59		"	50.0		117	81-140				
n-Propylbenzene	53		"	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 BK41258 - EPA 5035A											
LCS (BK41258-BS1)						Prepared & Analyzed: 11/26/2014					
o-Xylene	50		ug/L	50.0		101	83-123				
p- & m- Xylenes	94		"	100		94.0	82-128				
p-Isopropyltoluene	56		"	50.0		113	85-125				
sec-Butylbenzene	53		"	50.0		106	83-125				
Styrene	52		"	50.0		105	86-126				
tert-Butyl alcohol (TBA)	43		"	50.0		85.8	70-130				
tert-Butylbenzene	59		"	50.0		118	80-127				
Tetrachloroethylene	44		"	50.0		87.2	80-129				
Toluene	51		"	50.0		102	85-121				
trans-1,2-Dichloroethylene	48		"	50.0		95.3	72-132				
trans-1,3-Dichloropropylene	51		"	50.0		101	78-132				
Trichloroethylene	50		"	50.0		100	84-123				
Trichlorofluoromethane	43		"	50.0		85.5	62-140				
Vinyl Chloride	39		"	50.0		78.2	52-130				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>42.2</i>		<i>"</i>	<i>50.0</i>		<i>84.5</i>	<i>77-125</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>51.7</i>		<i>"</i>	<i>50.0</i>		<i>103</i>	<i>76-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>45.8</i>		<i>"</i>	<i>50.0</i>		<i>91.6</i>	<i>85-120</i>				
LCS Dup (BK41258-BSD1)						Prepared & Analyzed: 11/26/2014					
1,1,1,2-Tetrachloroethane	55		ug/L	50.0		109	75-129		8.15	30	
1,1,1-Trichloroethane	51		"	50.0		102	71-137		4.52	30	
1,1,2,2-Tetrachloroethane	51		"	50.0		102	79-129		7.42	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48		"	50.0		96.6	58-146		7.11	30	
1,1,2-Trichloroethane	51		"	50.0		102	83-123		5.41	30	
1,1-Dichloroethane	52		"	50.0		105	75-130		5.50	30	
1,1-Dichloroethylene	47		"	50.0		93.7	64-137		7.14	30	
Bromochloromethane	53		"	50.0		107	74-129		6.28	30	
1,2,4-Trichlorobenzene	56		"	50.0		113	80-141		7.57	30	
1,2,4-Trimethylbenzene	50		"	50.0		100	84-125		7.93	30	
1,2-Dibromo-3-chloropropane	46		"	50.0		92.7	74-142		2.95	30	
1,2-Dibromoethane	54		"	50.0		107	86-123		7.18	30	
1,2-Dichlorobenzene	53		"	50.0		105	85-122		7.20	30	
1,2-Dichloroethane	46		"	50.0		92.5	71-133		1.28	30	
1,2-Dichloropropane	53		"	50.0		106	81-122		7.00	30	
1,3,5-Trimethylbenzene	53		"	50.0		106	82-126		4.32	30	
1,3-Dichlorobenzene	56		"	50.0		112	84-124		3.18	30	
1,4-Dichlorobenzene	54		"	50.0		109	84-124		4.67	30	
1,4-Dioxane	640		"	1000		63.9	10-228		8.83	30	
Cyclohexane	53		"	50.0		105	70-130		9.94	30	
2-Butanone	49		"	50.0		98.4	58-147		18.0	30	
2-Hexanone	52		"	50.0		105	70-139		0.726	30	
4-Methyl-2-pentanone	45		"	50.0		90.8	72-132		3.04	30	
Acetone	58		"	50.0		116	36-155		27.0	30	
Acrolein	270		"	50.0		533	10-238	High Bias	11.3	30	
Acrylonitrile	49		"	50.0		97.3	66-141		7.02	30	
Benzene	50		"	50.0		101	77-127		0.614	30	
Bromodichloromethane	50		"	50.0		100	81-124		0.0200	30	
Bromoform	51		"	50.0		103	80-136		0.873	30	
Bromomethane	30		"	50.0		59.1	32-177		0.407	30	
Carbon disulfide	52		"	50.0		103	10-136		3.69	30	
Carbon tetrachloride	49		"	50.0		98.1	66-143		1.24	30	
Chlorobenzene	59		"	50.0		119	86-120		8.13	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK41258 - EPA 5035A

LCS Dup (BK41258-BSD1)

Prepared & Analyzed: 11/26/2014

Chloroethane	36		ug/L	50.0		72.6	51-142		1.18	30	
Chloroform	51		"	50.0		102	76-131		4.27	30	
Chloromethane	43		"	50.0		85.7	49-132		3.01	30	
cis-1,2-Dichloroethylene	51		"	50.0		103	74-132		0.214	30	
cis-1,3-Dichloropropylene	55		"	50.0		109	81-129		11.7	30	
Dibromochloromethane	54		"	50.0		109	10-200		7.42	30	
Dibromomethane	53		"	50.0		106	83-124		10.2	30	
Dichlorodifluoromethane	46		"	50.0		91.2	28-158		1.75	30	
Ethyl Benzene	53		"	50.0		106	84-125		12.0	30	
Methylcyclohexane	53		"	50.0		106	70-130		9.87	30	
Hexachlorobutadiene	56		"	50.0		112	83-133		2.26	30	
Isopropylbenzene	52		"	50.0		103	81-127		2.82	30	
Methyl acetate	40		"	50.0		80.3	41-143		10.3	30	
Methyl tert-butyl ether (MTBE)	47		"	50.0		94.9	74-131		6.46	30	
Methylene chloride	49		"	50.0		97.1	57-141		2.73	30	
n-Butylbenzene	52		"	50.0		105	80-130		5.48	30	
1,2,3-Trichlorobenzene	57		"	50.0		113	81-140		3.35	30	
n-Propylbenzene	52		"	50.0		104	74-136		1.68	30	
o-Xylene	54		"	50.0		108	83-123		6.58	30	
p- & m- Xylenes	110		"	100		105	82-128		11.3	30	
p-Isopropyltoluene	58		"	50.0		117	85-125		3.61	30	
sec-Butylbenzene	55		"	50.0		110	83-125		3.80	30	
Styrene	55		"	50.0		109	86-126		4.18	30	
tert-Butyl alcohol (TBA)	38		"	50.0		75.0	70-130		13.5	30	
tert-Butylbenzene	50		"	50.0		101	80-127		15.8	30	
Tetrachloroethylene	47		"	50.0		93.6	80-129		7.06	30	
Toluene	54		"	50.0		107	85-121		4.80	30	
trans-1,2-Dichloroethylene	50		"	50.0		101	72-132		5.59	30	
trans-1,3-Dichloropropylene	54		"	50.0		109	78-132		7.15	30	
Trichloroethylene	54		"	50.0		108	84-123		6.75	30	
Trichlorofluoromethane	40		"	50.0		80.3	62-140		6.30	30	
Vinyl Chloride	37		"	50.0		73.9	52-130		5.60	30	
Surrogate: 1,2-Dichloroethane-d4	46.8		"	50.0		93.6	77-125				
Surrogate: p-Bromofluorobenzene	48.2		"	50.0		96.3	76-130				
Surrogate: Toluene-d8	50.1		"	50.0		100	85-120				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK41184 - EPA 3550C

Blank (BK41184-BLK1)

Prepared & Analyzed: 11/25/2014

Acenaphthene	ND	41.7	ug/kg wet
Acenaphthylene	ND	41.7	"
Acetophenone	ND	41.7	"
Anthracene	ND	41.7	"
Atrazine	ND	41.7	"
Benzaldehyde	ND	41.7	"
Benzidine	ND	167	"
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	"
Benzoic acid	ND	41.7	"
Benzo(k)fluoranthene	ND	41.7	"
Benzyl butyl phthalate	ND	41.7	"
1,1'-Biphenyl	ND	41.7	"
4-Bromophenyl phenyl ether	ND	41.7	"
Caprolactam	ND	83.3	"
Carbazole	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	"
1,2-Dichlorobenzene	ND	41.7	"
1,3-Dichlorobenzene	ND	41.7	"
1,4-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	"
1,2-Diphenylhydrazine (as Azobenzene)	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	"



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 BK41184 - EPA 3550C

Blank (BK41184-BLK1)

Prepared & Analyzed: 11/25/2014

Isophorone	ND	41.7	ug/kg wet
2-Methylnaphthalene	ND	41.7	"
2-Methylphenol	ND	41.7	"
3- & 4-Methylphenols	ND	41.7	"
Naphthalene	ND	41.7	"
4-Nitroaniline	ND	83.3	"
2-Nitroaniline	ND	83.3	"
3-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	"
1,2,4-Trichlorobenzene	ND	41.7	"
2,4,6-Trichlorophenol	ND	41.7	"
2,4,5-Trichlorophenol	ND	41.7	"

Surrogate: 2-Fluorophenol	1270	"	2500	50.8	10-99
Surrogate: Phenol-d5	1450	"	2510	57.7	10-108
Surrogate: Nitrobenzene-d5	841	"	1670	50.5	10-119
Surrogate: 2-Fluorobiphenyl	1030	"	1670	61.9	10-114
Surrogate: 2,4,6-Tribromophenol	1230	"	2510	49.1	10-106
Surrogate: Terphenyl-d14	1040	"	1670	62.6	10-123



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result		Limits			Limit	
Batch BK41184 - EPA 3550C											
LCS (BK41184-BS1)						Prepared & Analyzed: 11/25/2014					
Acenaphthene	981	41.7	ug/kg wet	1670		58.9	17-124				
Acenaphthylene	956	41.7	"	1670		57.3	16-124				
Acetophenone	712	41.7	"	1670		42.7	28-105				
Anthracene	1020	41.7	"	1670		61.2	24-124				
Atrazine	857	41.7	"	1670		51.4	22-120				
Benzaldehyde	850	41.7	"	1670		51.0	21-100				
Benzo(a)anthracene	849	41.7	"	1670		51.0	25-134				
Benzo(a)pyrene	935	41.7	"	1670		56.1	29-144				
Benzo(b)fluoranthene	866	41.7	"	1670		51.9	20-151				
Benzo(g,h,i)perylene	951	41.7	"	1670		57.1	10-153				
Benzoic acid	445	41.7	"	1670		26.7	10-116				
Benzo(k)fluoranthene	1040	41.7	"	1670		62.5	10-148				
Benzyl butyl phthalate	962	41.7	"	1670		57.7	10-132				
1,1'-Biphenyl	855	41.7	"	1670		51.3	22-103				
4-Bromophenyl phenyl ether	833	41.7	"	1670		50.0	30-138				
Caprolactam	703	83.3	"	1670		42.2	10-123				
Carbazole	1060	41.7	"	1670		63.5	31-120				
4-Chloroaniline	894	41.7	"	1670		53.6	10-117				
Bis(2-chloroethoxy)methane	816	41.7	"	1670		49.0	10-129				
Bis(2-chloroethyl)ether	741	41.7	"	1670		44.4	14-125				
Bis(2-chloroisopropyl)ether	842	41.7	"	1670		50.5	14-122				
2-Chloronaphthalene	967	41.7	"	1670		58.0	22-115				
2-Chlorophenol	773	41.7	"	1670		46.4	25-121				
4-Chlorophenyl phenyl ether	980	41.7	"	1670		58.8	18-132				
Chrysene	1000	41.7	"	1670		60.0	24-116				
Dibenzo(a,h)anthracene	915	41.7	"	1670		54.9	17-147				
Dibenzofuran	1010	41.7	"	1670		60.8	23-123				
Di-n-butyl phthalate	1040	41.7	"	1670		62.6	19-123				
1,2-Dichlorobenzene	785	41.7	"	1670		47.1	26-113				
1,3-Dichlorobenzene	790	41.7	"	1670		47.4	32-113				
1,4-Dichlorobenzene	736	41.7	"	1670		44.2	28-111				
3,3'-Dichlorobenzidine	970	41.7	"	1670		58.2	10-147				
2,4-Dichlorophenol	818	41.7	"	1670		49.1	23-133				
Diethyl phthalate	1020	41.7	"	1670		61.0	23-122				
2,4-Dimethylphenol	849	41.7	"	1670		51.0	15-131				
Dimethyl phthalate	1000	41.7	"	1670		60.0	28-127				
4,6-Dinitro-2-methylphenol	1030	83.3	"	1670		62.0	10-149				
2,4-Dinitrophenol	1100	83.3	"	1670		66.0	10-149				
2,4-Dinitrotoluene	1090	41.7	"	1670		65.6	30-123				
2,6-Dinitrotoluene	1020	41.7	"	1670		61.3	30-125				
Di-n-octyl phthalate	1100	41.7	"	1670		65.9	10-132				
1,2-Diphenylhydrazine (as Azobenzene)	1020	41.7	"	1670		61.1	10-140				
Bis(2-ethylhexyl)phthalate	1220	41.7	"	1670		73.2	10-141				
Fluoranthene	993	41.7	"	1670		59.6	36-125				
Fluorene	1050	41.7	"	1670		63.3	16-130				
Hexachlorobenzene	948	41.7	"	1670		56.9	10-129				
Hexachlorobutadiene	694	41.7	"	1670		41.6	22-153				
Hexachlorocyclopentadiene	737	41.7	"	1670		44.2	10-134				
Hexachloroethane	738	41.7	"	1670		44.3	20-112				
Indeno(1,2,3-cd)pyrene	924	41.7	"	1670		55.4	10-155				
Isophorone	766	41.7	"	1670		46.0	14-131				



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 BK41184 - EPA 3550C

LCS (BK41184-BS1)

Prepared & Analyzed: 11/25/2014

2-Methylnaphthalene	927	41.7	ug/kg wet	1670		55.6	16-127				
2-Methylphenol	802	41.7	"	1670		48.1	10-146				
3- & 4-Methylphenols	797	41.7	"	1670		47.8	20-109				
Naphthalene	863	41.7	"	1670		51.8	20-121				
4-Nitroaniline	1030	83.3	"	1670		62.1	14-125				
2-Nitroaniline	1010	83.3	"	1670		60.7	24-126				
3-Nitroaniline	982	83.3	"	1670		58.9	23-123				
Nitrobenzene	745	41.7	"	1670		44.7	20-121				
2-Nitrophenol	784	41.7	"	1670		47.0	17-129				
4-Nitrophenol	936	83.3	"	1670		56.2	10-136				
N-nitroso-di-n-propylamine	857	41.7	"	1670		51.4	21-119				
N-Nitrosodimethylamine	787	41.7	"	1670		47.2	10-124				
N-Nitrosodiphenylamine	1170	41.7	"	1670		70.1	10-163				
Pentachlorophenol	711	41.7	"	1670		42.6	10-143				
Phenanthrene	1070	41.7	"	1670		64.2	24-123				
Phenol	778	41.7	"	1670		46.7	15-123				
Pyrene	991	41.7	"	1670		59.5	24-132				
1,2,4-Trichlorobenzene	772	41.7	"	1670		46.3	23-130				
2,4,6-Trichlorophenol	873	41.7	"	1670		52.4	27-122				
2,4,5-Trichlorophenol	885	41.7	"	1670		53.1	14-138				
Surrogate: 2-Fluorophenol	1270		"	2500		50.7	10-99				
Surrogate: Phenol-d5	1350		"	2510		54.0	10-108				
Surrogate: Nitrobenzene-d5	805		"	1670		48.3	10-119				
Surrogate: 2-Fluorobiphenyl	965		"	1670		57.9	10-114				
Surrogate: 2,4,6-Tribromophenol	1090		"	2510		43.3	30-130				
Surrogate: Terphenyl-d14	909		"	1670		54.4	10-123				

LCS Dup (BK41184-BS1)

Prepared & Analyzed: 11/25/2014

Acenaphthene	1340	41.7	ug/kg wet	1670		80.6	17-124		31.2	30	Non-dir.
Acenaphthylene	1310	41.7	"	1670		78.8	16-124		31.6	30	Non-dir.
Acetophenone	938	41.7	"	1670		56.3	28-105		27.3	30	
Anthracene	1350	41.7	"	1670		81.3	24-124		28.1	30	
Atrazine	1040	41.7	"	1670		62.3	22-120		19.2	30	
Benzaldehyde	1070	41.7	"	1670		64.4	21-100		23.2	30	
Benzo(a)anthracene	1050	41.7	"	1670		63.2	25-134		21.4	30	
Benzo(a)pyrene	1240	41.7	"	1670		74.4	29-144		28.0	30	
Benzo(b)fluoranthene	1310	41.7	"	1670		78.9	20-151		41.2	30	Non-dir.
Benzo(g,h,i)perylene	1160	41.7	"	1670		69.7	10-153		19.9	30	
Benzoic acid	723	41.7	"	1670		43.4	10-116		47.7	30	Non-dir.
Benzo(k)fluoranthene	1260	41.7	"	1670		75.8	10-148		19.3	30	
Benzyl butyl phthalate	1270	41.7	"	1670		76.3	10-132		27.8	30	
1,1'-Biphenyl	1090	41.7	"	1670		65.2	22-103		23.9	30	
4-Bromophenyl phenyl ether	1140	41.7	"	1670		68.3	30-138		31.0	30	Non-dir.
Caprolactam	903	83.3	"	1670		54.2	10-123		24.9	30	
Carbazole	1410	41.7	"	1670		84.3	31-120		28.2	30	
4-Chloroaniline	1030	41.7	"	1670		61.5	10-117		13.7	30	
Bis(2-chloroethoxy)methane	1230	41.7	"	1670		73.6	10-129		40.2	30	Non-dir.
Bis(2-chloroethyl)ether	1110	41.7	"	1670		66.4	14-125		39.7	30	Non-dir.
Bis(2-chloroisopropyl)ether	1200	41.7	"	1670		71.8	14-122		34.7	30	Non-dir.
2-Chloronaphthalene	1360	41.7	"	1670		81.4	22-115		33.5	30	Non-dir.
2-Chlorophenol	1130	41.7	"	1670		68.1	25-121		37.9	30	Non-dir.



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 BK41184 - EPA 3550C											
LCS Dup (BK41184-BSD1)						Prepared & Analyzed: 11/25/2014					
4-Chlorophenyl phenyl ether	1300	41.7	ug/kg wet	1670		78.1	18-132		28.2	30	
Chrysene	1330	41.7	"	1670		79.9	24-116		28.4	30	
Dibenzo(a,h)anthracene	1130	41.7	"	1670		67.9	17-147		21.2	30	
Dibenzofuran	1380	41.7	"	1670		82.7	23-123		30.6	30	Non-dir.
Di-n-butyl phthalate	1330	41.7	"	1670		79.9	19-123		24.3	30	
1,2-Dichlorobenzene	1130	41.7	"	1670		67.6	26-113		35.8	30	Non-dir.
1,3-Dichlorobenzene	1160	41.7	"	1670		69.4	32-113		37.6	30	Non-dir.
1,4-Dichlorobenzene	1040	41.7	"	1670		62.6	28-111		34.4	30	Non-dir.
3,3'-Dichlorobenzidine	1110	41.7	"	1670		66.6	10-147		13.4	30	
2,4-Dichlorophenol	1200	41.7	"	1670		72.1	23-133		37.9	30	Non-dir.
Diethyl phthalate	1370	41.7	"	1670		82.1	23-122		29.5	30	
2,4-Dimethylphenol	1260	41.7	"	1670		75.7	15-131		39.1	30	Non-dir.
Dimethyl phthalate	1410	41.7	"	1670		84.6	28-127		34.0	30	Non-dir.
4,6-Dinitro-2-methylphenol	1380	83.3	"	1670		82.9	10-149		28.9	30	
2,4-Dinitrophenol	1650	83.3	"	1670		99.0	10-149		40.1	30	Non-dir.
2,4-Dinitrotoluene	1550	41.7	"	1670		93.0	30-123		34.5	30	Non-dir.
2,6-Dinitrotoluene	1390	41.7	"	1670		83.5	30-125		30.8	30	Non-dir.
Di-n-octyl phthalate	1450	41.7	"	1670		86.8	10-132		27.3	30	
1,2-Diphenylhydrazine (as Azobenzene)	1350	41.7	"	1670		80.8	10-140		27.7	30	
Bis(2-ethylhexyl)phthalate	1440	41.7	"	1670		86.6	10-141		16.8	30	
Fluoranthene	1300	41.7	"	1670		77.8	36-125		26.6	30	
Fluorene	1410	41.7	"	1670		84.6	16-130		28.9	30	
Hexachlorobenzene	1280	41.7	"	1670		77.1	10-129		30.1	30	Non-dir.
Hexachlorobutadiene	986	41.7	"	1670		59.2	22-153		34.8	30	Non-dir.
Hexachlorocyclopentadiene	1030	41.7	"	1670		62.1	10-134		33.5	30	Non-dir.
Hexachloroethane	1050	41.7	"	1670		62.7	20-112		34.5	30	Non-dir.
Indeno(1,2,3-cd)pyrene	1150	41.7	"	1670		69.3	10-155		22.2	30	
Isophorone	1140	41.7	"	1670		68.5	14-131		39.4	30	Non-dir.
2-Methylnaphthalene	1290	41.7	"	1670		77.5	16-127		32.9	30	Non-dir.
2-Methylphenol	1190	41.7	"	1670		71.4	10-146		38.9	30	Non-dir.
3- & 4-Methylphenols	1170	41.7	"	1670		69.9	20-109		37.6	30	Non-dir.
Naphthalene	1230	41.7	"	1670		73.7	20-121		34.9	30	Non-dir.
4-Nitroaniline	1450	83.3	"	1670		87.1	14-125		33.6	30	Non-dir.
2-Nitroaniline	1460	83.3	"	1670		87.6	24-126		36.3	30	Non-dir.
3-Nitroaniline	1220	83.3	"	1670		73.5	23-123		22.0	30	
Nitrobenzene	1120	41.7	"	1670		67.0	20-121		39.9	30	Non-dir.
2-Nitrophenol	1190	41.7	"	1670		71.7	17-129		41.5	30	Non-dir.
4-Nitrophenol	1350	83.3	"	1670		81.0	10-136		36.2	30	Non-dir.
N-nitroso-di-n-propylamine	1270	41.7	"	1670		75.9	21-119		38.5	30	Non-dir.
N-Nitrosodimethylamine	983	41.7	"	1670		59.0	10-124		22.1	30	
N-Nitrosodiphenylamine	1580	41.7	"	1670		95.1	10-163		30.2	30	Non-dir.
Pentachlorophenol	1020	41.7	"	1670		61.2	10-143		35.7	30	Non-dir.
Phenanthrene	1390	41.7	"	1670		83.3	24-123		26.0	30	
Phenol	1140	41.7	"	1670		68.5	15-123		37.9	30	Non-dir.
Pyrene	1260	41.7	"	1670		75.6	24-132		23.9	30	
1,2,4-Trichlorobenzene	1120	41.7	"	1670		67.1	23-130		36.7	30	Non-dir.
2,4,6-Trichlorophenol	1270	41.7	"	1670		76.1	27-122		36.9	30	Non-dir.
2,4,5-Trichlorophenol	1250	41.7	"	1670		75.1	14-138		34.3	30	Non-dir.
Surrogate: 2-Fluorophenol	1430		"	2500		57.1	10-99				
Surrogate: Phenol-d5	1520		"	2510		60.5	10-108				
Surrogate: Nitrobenzene-d5	920		"	1670		55.2	10-119				



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 BK41184 - EPA 3550C

LCS Dup (BK41184-BSD1)

Prepared & Analyzed: 11/25/2014

Surrogate: 2-Fluorobiphenyl	1060		ug/kg wet	1670		63.8	10-114				
Surrogate: 2,4,6-Tribromophenol	1120		"	2510		44.8	30-130				
Surrogate: Terphenyl-d14	914		"	1670		54.7	10-123				

Batch BK41274 - EPA 3550C

Blank (BK41274-BLK1)

Prepared: 11/26/2014 Analyzed: 11/30/2014

Acenaphthene	ND	41.7	ug/kg wet
Acenaphthylene	ND	41.7	"
Acetophenone	ND	41.7	"
Anthracene	ND	41.7	"
Atrazine	ND	41.7	"
Benzaldehyde	ND	41.7	"
Benidine	ND	167	"
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	"
Benzoic acid	ND	41.7	"
Benzo(k)fluoranthene	ND	41.7	"
Benzyl butyl phthalate	ND	41.7	"
1,1'-Biphenyl	ND	41.7	"
4-Bromophenyl phenyl ether	ND	41.7	"
Caprolactam	ND	83.3	"
Carbazole	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	"
1,2-Dichlorobenzene	ND	41.7	"
1,3-Dichlorobenzene	ND	41.7	"
1,4-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	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	41.7	"
Bis(2-ethylhexyl)phthalate	ND	41.7	"
Fluoranthene	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 BK41274 - EPA 3550C

Blank (BK41274-BLK1)

Prepared: 11/26/2014 Analyzed: 11/30/2014

Fluorene	ND	41.7	ug/kg wet								
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	"								
4-Nitroaniline	ND	83.3	"								
2-Nitroaniline	ND	83.3	"								
3-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	"								
1,2,4-Trichlorobenzene	ND	41.7	"								
2,4,6-Trichlorophenol	ND	41.7	"								
2,4,5-Trichlorophenol	ND	41.7	"								
<i>Surrogate: 2-Fluorophenol</i>	<i>2020</i>		<i>"</i>	<i>2500</i>		<i>81.0</i>	<i>10-99</i>				
<i>Surrogate: Phenol-d5</i>	<i>2110</i>		<i>"</i>	<i>2510</i>		<i>84.0</i>	<i>10-108</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1280</i>		<i>"</i>	<i>1670</i>		<i>76.7</i>	<i>10-119</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1190</i>		<i>"</i>	<i>1670</i>		<i>71.3</i>	<i>10-114</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>2410</i>		<i>"</i>	<i>2510</i>		<i>96.1</i>	<i>10-106</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>1390</i>		<i>"</i>	<i>1670</i>		<i>83.1</i>	<i>10-123</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result		Limits			Limit	
Batch BK41274 - EPA 3550C											
LCS (BK41274-BS1)						Prepared: 11/26/2014 Analyzed: 11/30/2014					
Acenaphthene	718	41.7	ug/kg wet	1670		43.1	17-124				
Acenaphthylene	701	41.7	"	1670		42.1	16-124				
Acetophenone	549	41.7	"	1670		32.9	28-105				
Anthracene	787	41.7	"	1670		47.2	24-124				
Atrazine	641	41.7	"	1670		38.5	22-120				
Benzaldehyde	570	41.7	"	1670		34.2	21-100				
Benzo(a)anthracene	814	41.7	"	1670		48.9	25-134				
Benzo(a)pyrene	693	41.7	"	1670		41.6	29-144				
Benzo(b)fluoranthene	757	41.7	"	1670		45.4	20-151				
Benzo(g,h,i)perylene	534	41.7	"	1670		32.0	10-153				
Benzoic acid	562	41.7	"	1670		33.7	10-116				
Benzo(k)fluoranthene	577	41.7	"	1670		34.6	10-148				
Benzyl butyl phthalate	676	41.7	"	1670		40.6	10-132				
1,1'-Biphenyl	648	41.7	"	1670		38.9	22-103				
4-Bromophenyl phenyl ether	833	41.7	"	1670		50.0	30-138				
Caprolactam	720	83.3	"	1670		43.2	10-123				
Carbazole	913	41.7	"	1670		54.8	31-120				
4-Chloroaniline	648	41.7	"	1670		38.9	10-117				
Bis(2-chloroethoxy)methane	703	41.7	"	1670		42.2	10-129				
Bis(2-chloroethyl)ether	626	41.7	"	1670		37.6	14-125				
Bis(2-chloroisopropyl)ether	713	41.7	"	1670		42.8	14-122				
2-Chloronaphthalene	771	41.7	"	1670		46.3	22-115				
2-Chlorophenol	701	41.7	"	1670		42.1	25-121				
4-Chlorophenyl phenyl ether	697	41.7	"	1670		41.8	18-132				
Chrysene	696	41.7	"	1670		41.8	24-116				
Dibenzo(a,h)anthracene	596	41.7	"	1670		35.8	17-147				
Dibenzofuran	781	41.7	"	1670		46.9	23-123				
Di-n-butyl phthalate	722	41.7	"	1670		43.3	19-123				
1,2-Dichlorobenzene	716	41.7	"	1670		43.0	26-113				
1,3-Dichlorobenzene	701	41.7	"	1670		42.1	32-113				
1,4-Dichlorobenzene	672	41.7	"	1670		40.3	28-111				
3,3'-Dichlorobenzidine	856	41.7	"	1670		51.4	10-147				
2,4-Dichlorophenol	720	41.7	"	1670		43.2	23-133				
Diethyl phthalate	737	41.7	"	1670		44.2	23-122				
2,4-Dimethylphenol	714	41.7	"	1670		42.8	15-131				
Dimethyl phthalate	734	41.7	"	1670		44.0	28-127				
4,6-Dinitro-2-methylphenol	996	83.3	"	1670		59.8	10-149				
2,4-Dinitrophenol	890	83.3	"	1670		53.4	10-149				
2,4-Dinitrotoluene	897	41.7	"	1670		53.8	30-123				
2,6-Dinitrotoluene	815	41.7	"	1670		48.9	30-125				
Di-n-octyl phthalate	697	41.7	"	1670		41.8	10-132				
1,2-Diphenylhydrazine (as Azobenzene)	754	41.7	"	1670		45.3	10-140				
Bis(2-ethylhexyl)phthalate	666	41.7	"	1670		39.9	10-141				
Fluoranthene	836	41.7	"	1670		50.2	36-125				
Fluorene	697	41.7	"	1670		41.8	16-130				
Hexachlorobenzene	674	41.7	"	1670		40.5	10-129				
Hexachlorobutadiene	620	41.7	"	1670		37.2	22-153				
Hexachlorocyclopentadiene	606	41.7	"	1670		36.4	10-134				
Hexachloroethane	630	41.7	"	1670		37.8	20-112				
Indeno(1,2,3-cd)pyrene	568	41.7	"	1670		34.1	10-155				
Isophorone	633	41.7	"	1670		38.0	14-131				



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 BK41274 - EPA 3550C											
LCS (BK41274-BS1)						Prepared: 11/26/2014 Analyzed: 11/30/2014					
2-Methylnaphthalene	634	41.7	ug/kg wet	1670		38.0	16-127				
2-Methylphenol	580	41.7	"	1670		34.8	10-146				
3- & 4-Methylphenols	613	41.7	"	1670		36.8	20-109				
Naphthalene	616	41.7	"	1670		36.9	20-121				
4-Nitroaniline	888	83.3	"	1670		53.3	14-125				
2-Nitroaniline	810	83.3	"	1670		48.6	24-126				
3-Nitroaniline	789	83.3	"	1670		47.3	23-123				
Nitrobenzene	615	41.7	"	1670		36.9	20-121				
2-Nitrophenol	678	41.7	"	1670		40.7	17-129				
4-Nitrophenol	796	83.3	"	1670		47.8	10-136				
N-nitroso-di-n-propylamine	736	41.7	"	1670		44.2	21-119				
N-Nitrosodimethylamine	683	41.7	"	1670		41.0	10-124				
N-Nitrosodiphenylamine	945	41.7	"	1670		56.7	10-163				
Pentachlorophenol	870	41.7	"	1670		52.2	10-143				
Phenanthrene	842	41.7	"	1670		50.5	24-123				
Phenol	602	41.7	"	1670		36.1	15-123				
Pyrene	701	41.7	"	1670		42.1	24-132				
1,2,4-Trichlorobenzene	606	41.7	"	1670		36.3	23-130				
2,4,6-Trichlorophenol	786	41.7	"	1670		47.2	27-122				
2,4,5-Trichlorophenol	787	41.7	"	1670		47.2	14-138				
Surrogate: 2-Fluorophenol	1830		"	2500		73.2	10-99				
Surrogate: Phenol-d5	1690		"	2510		67.4	10-108				
Surrogate: Nitrobenzene-d5	1180		"	1670		70.5	10-119				
Surrogate: 2-Fluorobiphenyl	1090		"	1670		65.4	10-114				
Surrogate: 2,4,6-Tribromophenol	2150		"	2510		85.9	30-130				
Surrogate: Terphenyl-d14	1180		"	1670		70.7	10-123				
LCS Dup (BK41274-BS1)						Prepared: 11/26/2014 Analyzed: 11/30/2014					
Acenaphthene	868	41.7	ug/kg wet	1670		52.1	17-124		18.9	30	
Acenaphthylene	927	41.7	"	1670		55.6	16-124		27.7	30	
Acetophenone	ND	41.7	"	1670			28-105	Low Bias		30	
Anthracene	993	41.7	"	1670		59.6	24-124		23.1	30	
Atrazine	1060	41.7	"	1670		63.7	22-120		49.4	30	Non-dir.
Benzaldehyde	1300	41.7	"	1670		78.3	21-100		78.4	30	Non-dir.
Benzo(a)anthracene	1040	41.7	"	1670		62.2	25-134		24.0	30	
Benzo(a)pyrene	811	41.7	"	1670		48.6	29-144		15.7	30	
Benzo(b)fluoranthene	1030	41.7	"	1670		61.9	20-151		30.8	30	Non-dir.
Benzo(g,h,i)perylene	644	41.7	"	1670		38.6	10-153		18.7	30	
Benzoic acid	1200	41.7	"	1670		71.8	10-116		72.1	30	Non-dir.
Benzo(k)fluoranthene	661	41.7	"	1670		39.7	10-148		13.6	30	
Benzyl butyl phthalate	983	41.7	"	1670		59.0	10-132		37.0	30	Non-dir.
1,1'-Biphenyl	ND	41.7	"	1670			22-103	Low Bias		30	
4-Bromophenyl phenyl ether	947	41.7	"	1670		56.8	30-138		12.8	30	
Caprolactam	1140	83.3	"	1670		68.5	10-123		45.3	30	Non-dir.
Carbazole	1110	41.7	"	1670		66.7	31-120		19.6	30	
4-Chloroaniline	746	41.7	"	1670		44.7	10-117		14.0	30	
Bis(2-chloroethoxy)methane	990	41.7	"	1670		59.4	10-129		33.8	30	Non-dir.
Bis(2-chloroethyl)ether	844	41.7	"	1670		50.6	14-125		29.6	30	
Bis(2-chloroisopropyl)ether	1070	41.7	"	1670		63.9	14-122		39.6	30	Non-dir.
2-Chloronaphthalene	922	41.7	"	1670		55.3	22-115		17.8	30	
2-Chlorophenol	1020	41.7	"	1670		61.3	25-121		37.1	30	Non-dir.



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 BK41274 - EPA 3550C											
LCS Dup (BK41274-BSD1)						Prepared: 11/26/2014 Analyzed: 11/30/2014					
4-Chlorophenyl phenyl ether	897	41.7	ug/kg wet	1670		53.8	18-132		25.2	30	
Chrysene	941	41.7	"	1670		56.5	24-116		29.9	30	
Dibenzo(a,h)anthracene	698	41.7	"	1670		41.9	17-147		15.7	30	
Dibenzofuran	1020	41.7	"	1670		61.1	23-123		26.3	30	
Di-n-butyl phthalate	861	41.7	"	1670		51.6	19-123		17.5	30	
1,2-Dichlorobenzene	967	41.7	"	1670		58.0	26-113		29.8	30	
1,3-Dichlorobenzene	977	41.7	"	1670		58.6	32-113		32.8	30	Non-dir.
1,4-Dichlorobenzene	912	41.7	"	1670		54.7	28-111		30.3	30	Non-dir.
3,3'-Dichlorobenzidine	1140	41.7	"	1670		68.5	10-147		28.5	30	
2,4-Dichlorophenol	917	41.7	"	1670		55.0	23-133		24.1	30	
Diethyl phthalate	938	41.7	"	1670		56.3	23-122		23.9	30	
2,4-Dimethylphenol	1000	41.7	"	1670		60.0	15-131		33.5	30	Non-dir.
Dimethyl phthalate	970	41.7	"	1670		58.2	28-127		27.7	30	
4,6-Dinitro-2-methylphenol	1170	83.3	"	1670		70.0	10-149		15.7	30	
2,4-Dinitrophenol	1360	83.3	"	1670		81.9	10-149		42.1	30	Non-dir.
2,4-Dinitrotoluene	1240	41.7	"	1670		74.4	30-123		32.1	30	Non-dir.
2,6-Dinitrotoluene	1150	41.7	"	1670		69.2	30-125		34.4	30	Non-dir.
Di-n-octyl phthalate	943	41.7	"	1670		56.6	10-132		30.0	30	
1,2-Diphenylhydrazine (as Azobenzene)	915	41.7	"	1670		54.9	10-140		19.2	30	
Bis(2-ethylhexyl)phthalate	811	41.7	"	1670		48.6	10-141		19.6	30	
Fluoranthene	967	41.7	"	1670		58.0	36-125		14.5	30	
Fluorene	969	41.7	"	1670		58.1	16-130		32.7	30	Non-dir.
Hexachlorobenzene	775	41.7	"	1670		46.5	10-129		13.9	30	
Hexachlorobutadiene	755	41.7	"	1670		45.3	22-153		19.7	30	
Hexachlorocyclopentadiene	1120	41.7	"	1670		67.0	10-134		59.3	30	Non-dir.
Hexachloroethane	919	41.7	"	1670		55.1	20-112		37.2	30	Non-dir.
Indeno(1,2,3-cd)pyrene	688	41.7	"	1670		41.3	10-155		19.1	30	
Isophorone	936	41.7	"	1670		56.2	14-131		38.7	30	Non-dir.
2-Methylnaphthalene	815	41.7	"	1670		48.9	16-127		25.0	30	
2-Methylphenol	784	41.7	"	1670		47.0	10-146		30.0	30	
3- & 4-Methylphenols	839	41.7	"	1670		50.3	20-109		31.1	30	Non-dir.
Naphthalene	880	41.7	"	1670		52.8	20-121		35.3	30	Non-dir.
4-Nitroaniline	1160	83.3	"	1670		69.6	14-125		26.5	30	
2-Nitroaniline	1130	83.3	"	1670		68.1	24-126		33.4	30	Non-dir.
3-Nitroaniline	972	83.3	"	1670		58.3	23-123		20.8	30	
Nitrobenzene	848	41.7	"	1670		50.9	20-121		31.8	30	Non-dir.
2-Nitrophenol	1010	41.7	"	1670		60.4	17-129		39.0	30	Non-dir.
4-Nitrophenol	1050	83.3	"	1670		62.8	10-136		27.1	30	
N-nitroso-di-n-propylamine	1010	41.7	"	1670		60.5	21-119		31.3	30	Non-dir.
N-Nitrosodimethylamine	1030	41.7	"	1670		61.6	10-124		40.2	30	Non-dir.
N-Nitrosodiphenylamine	1390	41.7	"	1670		83.5	10-163		38.3	30	Non-dir.
Pentachlorophenol	1330	41.7	"	1670		80.1	10-143		42.1	30	Non-dir.
Phenanthrene	973	41.7	"	1670		58.4	24-123		14.4	30	
Phenol	897	41.7	"	1670		53.8	15-123		39.4	30	Non-dir.
Pyrene	1080	41.7	"	1670		65.0	24-132		42.9	30	Non-dir.
1,2,4-Trichlorobenzene	834	41.7	"	1670		50.0	23-130		31.7	30	Non-dir.
2,4,6-Trichlorophenol	1160	41.7	"	1670		69.4	27-122		38.1	30	Non-dir.
2,4,5-Trichlorophenol	998	41.7	"	1670		59.9	14-138		23.6	30	
Surrogate: 2-Fluorophenol	2340		"	2500		93.5	10-99				
Surrogate: Phenol-d5	2280		"	2510		91.1	10-108				
Surrogate: Nitrobenzene-d5	1540		"	1670		92.3	10-119				



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 BK41274 - EPA 3550C

LCS Dup (BK41274-BSD1)

Prepared: 11/26/2014 Analyzed: 11/30/2014

Surrogate: 2-Fluorobiphenyl	1360		ug/kg wet	1670		81.5	10-114				
Surrogate: 2,4,6-Tribromophenol	2400		"	2510		95.9	30-130				
Surrogate: Terphenyl-d14	1760		"	1670		106	10-123				



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 BK41251 - EPA 3545A

Blank (BK41251-BLK1)

Prepared & Analyzed: 11/26/2014

Aldrin	ND	0.495	ug/kg wet								
alpha-BHC	ND	0.495	"								
beta-BHC	ND	0.495	"								
delta-BHC	ND	0.495	"								
gamma-BHC (Lindane)	ND	0.495	"								
gamma-Chlordane	ND	0.495	"								
alpha-Chlordane	ND	0.495	"								
Chlordane, total	ND	1.98	"								
4,4'-DDD	ND	0.495	"								
4,4'-DDE	ND	0.495	"								
4,4'-DDT	ND	0.495	"								
Dieldrin	ND	0.495	"								
Endosulfan I	ND	0.495	"								
Endosulfan II	ND	0.495	"								
Endosulfan sulfate	ND	0.495	"								
Endrin	ND	0.495	"								
Endrin aldehyde	ND	0.495	"								
Endrin ketone	ND	0.495	"								
Heptachlor	ND	0.495	"								
Heptachlor epoxide	ND	0.495	"								
Methoxychlor	ND	2.48	"								
Toxaphene	ND	25.0	"								
<i>Surrogate: Decachlorobiphenyl</i>	<i>120</i>		<i>"</i>	<i>100</i>		<i>120</i>	<i>30-140</i>				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>109</i>		<i>"</i>	<i>100</i>		<i>109</i>	<i>30-140</i>				

LCS (BK41251-BS1)

Prepared & Analyzed: 11/26/2014

Aldrin	49.2	0.495	ug/kg wet	50.0		98.5	40-140				
alpha-BHC	49.6	0.495	"	50.0		99.1	40-140				
beta-BHC	44.3	0.495	"	50.0		88.6	40-140				
delta-BHC	47.5	0.495	"	50.0		95.0	40-140				
gamma-BHC (Lindane)	46.3	0.495	"	50.0		92.6	40-140				
gamma-Chlordane	46.6	0.495	"	50.0		93.2	40-140				
alpha-Chlordane	47.0	0.495	"	50.0		94.1	40-140				
4,4'-DDD	47.8	0.495	"	50.0		95.6	40-140				
4,4'-DDE	52.0	0.495	"	50.0		104	40-140				
4,4'-DDT	45.3	0.495	"	50.0		90.6	40-140				
Dieldrin	47.3	0.495	"	50.0		94.7	40-140				
Endosulfan I	51.8	0.495	"	50.0		104	40-140				
Endosulfan II	46.9	0.495	"	50.0		93.8	40-140				
Endosulfan sulfate	46.2	0.495	"	50.0		92.5	40-140				
Endrin	45.7	0.495	"	50.0		91.4	40-140				
Endrin aldehyde	39.2	0.495	"	50.0		78.5	40-140				
Endrin ketone	43.7	0.495	"	50.0		87.4	40-140				
Heptachlor	43.5	0.495	"	50.0		87.0	40-140				
Heptachlor epoxide	43.9	0.495	"	50.0		87.7	40-140				
Methoxychlor	40.3	2.48	"	50.0		80.5	40-140				
<i>Surrogate: Decachlorobiphenyl</i>	<i>103</i>		<i>"</i>	<i>100</i>		<i>103</i>	<i>30-140</i>				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>110</i>		<i>"</i>	<i>100</i>		<i>110</i>	<i>30-140</i>				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41251 - EPA 3545A											
LCS Dup (BK41251-BSD1)						Prepared & Analyzed: 11/26/2014					
Aldrin	48.1	0.495	ug/kg wet	50.0		96.3	40-140		2.26	30	
alpha-BHC	47.9	0.495	"	50.0		95.9	40-140		3.34	30	
beta-BHC	43.5	0.495	"	50.0		87.0	40-140		1.81	30	
delta-BHC	46.4	0.495	"	50.0		92.8	40-140		2.27	30	
gamma-BHC (Lindane)	45.0	0.495	"	50.0		90.1	40-140		2.69	30	
gamma-Chlordane	45.7	0.495	"	50.0		91.4	40-140		2.00	30	
alpha-Chlordane	46.0	0.495	"	50.0		91.9	40-140		2.27	30	
4,4'-DDD	47.6	0.495	"	50.0		95.3	40-140		0.410	30	
4,4'-DDE	51.6	0.495	"	50.0		103	40-140		0.889	30	
4,4'-DDT	45.5	0.495	"	50.0		91.0	40-140		0.487	30	
Dieldrin	46.5	0.495	"	50.0		92.9	40-140		1.84	30	
Endosulfan I	50.2	0.495	"	50.0		100	40-140		3.19	30	
Endosulfan II	46.3	0.495	"	50.0		92.7	40-140		1.20	30	
Endosulfan sulfate	45.8	0.495	"	50.0		91.5	40-140		1.05	30	
Endrin	45.2	0.495	"	50.0		90.4	40-140		1.07	30	
Endrin aldehyde	38.7	0.495	"	50.0		77.5	40-140		1.31	30	
Endrin ketone	43.9	0.495	"	50.0		87.8	40-140		0.421	30	
Heptachlor	42.7	0.495	"	50.0		85.4	40-140		1.92	30	
Heptachlor epoxide	42.6	0.495	"	50.0		85.2	40-140		2.90	30	
Methoxychlor	40.8	2.48	"	50.0		81.5	40-140		1.26	30	
Surrogate: Decachlorobiphenyl	103		"	100		103	30-140				
Surrogate: Tetrachloro-m-xylene	105		"	100		105	30-140				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK41251 - EPA 3545A

Blank (BK41251-BLK1)

Prepared & Analyzed: 11/26/2014

Aroclor 1016	ND	0.0250	mg/kg wet								
Aroclor 1221	ND	0.0250	"								
Aroclor 1232	ND	0.0250	"								
Aroclor 1242	ND	0.0250	"								
Aroclor 1248	ND	0.0250	"								
Aroclor 1254	ND	0.0250	"								
Aroclor 1260	ND	0.0250	"								
Total PCBs	ND	0.0250	"								

Surrogate: Tetrachloro-m-xylene

0.0985

"

0.100

98.5

30-140

Surrogate: Decachlorobiphenyl

0.0695

"

0.100

69.5

30-140

LCS (BK41251-BS2)

Prepared & Analyzed: 11/26/2014

Aroclor 1016	0.568	0.0250	mg/kg wet	0.500		114	40-130				
Aroclor 1260	0.558	0.0250	"	0.500		112	40-130				

Surrogate: Tetrachloro-m-xylene

0.104

"

0.100

104

30-140

Surrogate: Decachlorobiphenyl

0.0785

"

0.100

78.5

30-140



Gas Chromatography/Flame Ionization Detector - 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 BK41145 - EPA 3545A

Blank (BK41145-BLK1)

Prepared: 11/24/2014 Analyzed: 11/25/2014

Total EPH	ND	50.0	mg/kg wet								
Surrogate: 1-Chlorooctadecane	8.17		"	10.0		81.7	40-140				
Surrogate: o-Terphenyl	8.31		"	10.0		83.1	40-140				

LCS (BK41145-BS1)

Prepared: 11/24/2014 Analyzed: 11/25/2014

Total EPH	398	50.0	mg/kg wet	360		111	40-140				
Surrogate: 1-Chlorooctadecane	9.48		"	10.0		94.8	40-140				
Surrogate: o-Terphenyl	8.17		"	10.0		81.7	40-140				

LCS Dup (BK41145-BSD1)

Prepared: 11/24/2014 Analyzed: 11/25/2014

Total EPH	328	50.0	mg/kg wet	360		91.1	40-140		19.3	30	
Surrogate: 1-Chlorooctadecane	8.74		"	10.0		87.4	40-140				
Surrogate: o-Terphenyl	7.74		"	10.0		77.4	40-140				



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 BL40062 - EPA 3010A/1311

Blank (BL40062-BLK1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Arsenic	ND	0.004	mg/L
Barium	ND	0.010	"
Cadmium	ND	0.003	"
Chromium	ND	0.005	"
Lead	ND	0.003	"
Selenium	ND	0.010	"
Silver	ND	0.005	"

Blank (BL40062-BLK2)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Arsenic	ND	0.004	mg/L
Barium	ND	0.010	"
Cadmium	ND	0.003	"
Chromium	ND	0.005	"
Lead	ND	0.003	"
Selenium	ND	0.010	"
Silver	ND	0.005	"

Reference (BL40062-SRM1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Arsenic	0.397	0.004	mg/L	0.438	90.7	83.3-116
Barium	0.393	0.010	"	0.365	108	84.9-115
Cadmium	0.336	0.003	"	0.334	101	85-115
Chromium	0.764	0.005	"	0.797	95.9	84.9-115
Lead	1.49	0.003	"	1.47	101	85-115
Selenium	0.461	0.010	"	0.521	88.5	85-115
Silver	0.375	0.005	"	0.384	97.6	84.9-115

Batch BL40090 - EPA 3050B

Blank (BL40090-BLK1)

Prepared & Analyzed: 12/02/2014

Aluminum	ND	1.00	mg/kg wet
Antimony	ND	0.500	"
Arsenic	ND	1.00	"
Barium	ND	1.00	"
Beryllium	ND	0.100	"
Cadmium	ND	0.300	"
Calcium	ND	5.00	"
Chromium	ND	0.500	"
Cobalt	ND	0.500	"
Copper	ND	0.500	"
Iron	ND	2.00	"
Lead	ND	0.300	"
Magnesium	ND	5.00	"
Manganese	ND	0.500	"
Nickel	ND	0.500	"
Potassium	ND	5.00	"
Selenium	ND	1.00	"
Silver	ND	0.500	"
Sodium	ND	10.0	"
Thallium	ND	1.00	"
Vanadium	ND	1.00	"
Zinc	ND	1.00	"



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 BL40090 - EPA 3050B

Reference (BL40090-SRM1)

Prepared & Analyzed: 12/02/2014

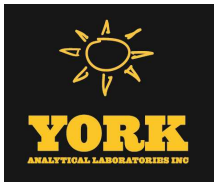
Aluminum	7540	1.00	mg/kg wet	8740		86.2	41.6-158				
Antimony	114	0.500	"	108		106	23-255				
Arsenic	152	1.00	"	151		100	70.9-130				
Barium	276	1.00	"	262		105	73.7-126				
Beryllium	134	0.100	"	133		100	75.1-125				
Cadmium	147	0.300	"	152		96.9	73-126				
Calcium	6340	5.00	"	6400		99.1	73.9-126				
Chromium	115	0.500	"	117		97.9	69.7-130				
Cobalt	72.2	0.500	"	68.7		105	74.4-126				
Copper	74.0	0.500	"	68.6		108	73.2-129				
Iron	12300	2.00	"	12300		99.9	30.5-170				
Lead	244	0.300	"	254		96.0	75.6-125				
Magnesium	3470	5.00	"	3600		96.4	68.3-132				
Manganese	565	0.500	"	563		100	77.4-123				
Nickel	326	0.500	"	315		103	74.3-127				
Potassium	2970	5.00	"	3040		97.6	62.5-137				
Selenium	166	1.00	"	162		103	67.3-132				
Silver	43.7	0.500	"	44.3		98.7	66.4-124				
Sodium	837	10.0	"	746		112	56.8-143				
Thallium	256	1.00	"	259		98.9	69.5-131				
Vanadium	115	1.00	"	116		98.8	67.5-132				
Zinc	297	1.00	"	306		97.2	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 BK41137 - EPA 7473 soil											
Blank (BK41137-BLK1)								Prepared & Analyzed: 11/24/2014			
Mercury	ND	0.0300	mg/kg wet								
Reference (BK41137-SRM1)								Prepared & Analyzed: 11/24/2014			
Mercury	3.2719		mg/kg	3.73		87.7	68.6-131				
Batch BK41189 - EPA 7473 water											
Blank (BK41189-BLK1)								Prepared & Analyzed: 11/25/2014			
Mercury	ND	0.000200	mg/L								
Reference (BK41189-SRM1)								Prepared & Analyzed: 11/25/2014			
Mercury	0.00249		mg/L	0.00230		108	61.3-135				
Batch BK41202 - EPA 7473 water											
Blank (BK41202-BLK1)								Prepared: 11/25/2014 Analyzed: 11/26/2014			
Mercury	ND	0.000200	mg/L								
Duplicate (BK41202-DUP1) *Source sample: 14K0834-03 (A2 Comp (3-6))								Prepared: 11/25/2014 Analyzed: 11/26/2014			
Mercury	ND	0.000200	mg/L		ND					20	
Matrix Spike (BK41202-MS1) *Source sample: 14K0834-03 (A2 Comp (3-6))								Prepared: 11/25/2014 Analyzed: 11/26/2014			
Mercury	0.00199		mg/L	0.00200	ND	99.3	75-125				
Reference (BK41202-SRM1)								Prepared: 11/25/2014 Analyzed: 11/26/2014			
Mercury	0.00259		mg/L	0.00230		113	61.3-135				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BL40026 - % Solids Prep

Duplicate (BL40026-DUP1)		*Source sample: 14K0834-06 (A2 Grab (6-9))					Prepared: 12/01/2014 Analyzed: 12/02/2014				
% Solids	75.3	0.100	%		77.0			2.33	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 BK41135 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BK41135-BLK1)						Prepared: 11/24/2014 Analyzed: 11/25/2014					
TCLP Extraction	Completed	1.00	N/A								
Batch BL40017 - EPA SW846-3060											
Blank (BL40017-BLK1)						Prepared & Analyzed: 12/01/2014					
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BL40017-SRM1)						Prepared & Analyzed: 12/01/2014					
Chromium, Hexavalent	98.8		mg/L	125		79.0	20.2-180				
Batch BL40107 - Analysis Preparation											
Blank (BL40107-BLK1)						Prepared & Analyzed: 12/02/2014					
Reactivity - Cyanide	ND	0.250	mg/kg								
Batch BL40108 - Analysis Preparation											
Blank (BL40108-BLK1)						Prepared & Analyzed: 12/02/2014					
Reactivity - Sulfide	ND	15.0	mg/kg								
LCS (BL40108-BS1)						Prepared & Analyzed: 12/02/2014					
Reactivity - Sulfide	224	15.0	mg/kg	250		89.6	30-150				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14K0834-02	A2 Grab (0-3)	2 oz. WM Clear Glass Cool to 4° C
14K0834-04	A2 Grab (3-6)	2 oz. WM Clear Glass Cool to 4° C
14K0834-06	A2 Grab (6-9)	2 oz. WM Clear Glass Cool to 4° C
14K0834-08	A2 Grab (9-12)	2 oz. WM Clear Glass Cool to 4° C



Notes and Definitions

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.
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20% AND correlation coefficient <0.990 for quadratic fit).
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).
EXT-COMP	Completed
EXT-Temp	Extraction temperature slightly exceeded acceptance range.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
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.
IGN-01	Non-Ignit.
S-08	The recovery of this surrogate was outside of QC limits.
JN	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
PF-01	No Free Liquid
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.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference



Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

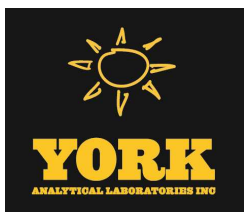
Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested. Your signature binds you to York's Std. Terms & Conditions.

York Project No.

14K 0834

YOUR Information			Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: EBC	Name:		SAME ☒		Name:		Grid Section A2		RUSH-Same Day		Summary Report X	
Address: 1808 Middle Country Rd	Company:		Name:		Company:		25 Kent Avenue, Brooklyn, NY		RUSH-Next Day		QA Report	
Phone: 631.504.6000	Address:		Company:		Address:		Purchase Order #		RUSH-Two Day		CT RCP	
Contact: Charles Sosik	E-mail:		Company:		Address:				RUSH-Three Day		CT RCP DQA/DUE Pkg	
E-mail: Csosik@ebcincny.com			E-mail:				Samples from CT_NY_X_NJ		RUSH-Four Day		NY ASP A Package	
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.												
Matrix Codes S - soil Other - specify (e.g., WW - wastewater, GW - groundwater, DW - drinking water, Halog-only, Air-A - ambient air, Air-SV - soil vapor) Samples Collected/Authorized by (Signature) <i>Sunny Chen</i> Name (Printed) Sunny Chen												
Sample Identification	Date/Time Sampled	Matrix	Analysis Requested (List above includes common analysis)					Container Description				
A2 Comp (0-3)	11-20-14 12:20	Soil	SVOCs (TCL+10, NUDEP SCC List, NUDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Paint Filler, Hex Cr, EPH					Two 8oz Soil Jars				
A2 Grab (0-3)	11-25 12:00	Soil	VOGs (TCL+10, NUDEP SCC List, NUDEP SRS List)					4 oz Soil Jar				
A2 Comp (3-6)	12-15 12:15	Soil	SVOCs (TCL+10, NUDEP SCC List, NUDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Hex Cr, EPH					Two 8oz Soil Jars				
A2 Grab (3-6)	12-15 12:15	Soil	VOGs (TCL+10, NUDEP SCC List, NUDEP SRS List)					4 oz Soil Jar				
A2 Comp (6-9)	12-20 12:20	Soil	SVOCs (TCL+10, NUDEP SCC List, NUDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Hex Cr, EPH					Two 8oz Soil Jars				
A2 Grab (6-9)	12-25 12:25	Soil	VOGs (TCL+10, NUDEP SCC List, NUDEP SRS List)					4 oz Soil Jar				
A2 Comp (9-12)	12-30 12:30	Soil	SVOCs (TCL+10, NUDEP SCC List, NUDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Hex Cr, EPH					Two 8oz Soil Jars				
A2 Grab (9-12)	12-31 12:31	Soil	VOGs (TCL+10, NUDEP SCC List, NUDEP SRS List)					4 oz Soil Jar				
Comments:												
Preservation (check all applicable) J-C Frozen HCl Me-OH HNO ₃ H ₂ SO ₄ NaOH Special Instructions: Field Filtered Lab-to Filter												
Samples Relinquished By: <i>[Signature]</i> Date/Time: 11/21/14												
Samples Received By: <i>[Signature]</i> Date/Time: 11/21/14												
Samples Relinquished By: Date/Time:												
Samples Received in LAB by: Date/Time:												
Temperature on Receipt: 5.0°C												



Technical Report

prepared for:

Environmental Business Consultants

1808 Middle Country Rd.

Ridge NY, 11961

Attention: Charles Sosik

Report Date: 12/02/2014

Client Project ID: Grid Section A3 25 Kent Avenue, Brooklyn, NY

York Project (SDG) No.: 14K0837

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 12/02/2014
Client Project ID: Grid Section A3 25 Kent Avenue, Brooklyn, NY
York Project (SDG) No.: 14K0837

Environmental Business Consultants
1808 Middle Country Rd.
Ridge NY, 11961
Attention: Charles Sosik

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 21, 2014 and listed below. The project was identified as your project: **Grid Section A3 25 Kent Avenue, Brooklyn, NY.**

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0837-01	A3 Comp (0-3)	Soil	11/20/2014	11/21/2014
14K0837-02	A3 Grab (0-3)	Soil	11/20/2014	11/21/2014
14K0837-03	A3 Comp (3-6)	Soil	11/20/2014	11/21/2014
14K0837-04	A3 Grab (3-6)	Soil	11/20/2014	11/21/2014
14K0837-05	A3 Comp (6-9)	Soil	11/20/2014	11/21/2014
14K0837-06	A3 Grab (6-9)	Soil	11/20/2014	11/21/2014
14K0837-07	A3 Comp (9-12)	Soil	11/20/2014	11/21/2014
14K0837-08	A3 Grab (9-12)	Soil	11/20/2014	11/21/2014

General Notes for York Project (SDG) No.: 14K0837

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/02/2014





Sample Information

Client Sample ID: A3 Comp (0-3)

York Sample ID: 14K0837-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:45 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	229	J	ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
208-96-8	Acenaphthylene	310		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
98-86-2	Acetophenone	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
120-12-7	Anthracene	493		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
1912-24-9	Atrazine	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
92-87-5	Benzidine	ND		ug/kg dry	482	964	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
56-55-3	Benzo(a)anthracene	1590	CCV-E	ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
50-32-8	Benzo(a)pyrene	624		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
205-99-2	Benzo(b)fluoranthene	791		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
191-24-2	Benzo(g,h,i)perylene	737	CCV-E	ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
65-85-0	Benzoic acid	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
207-08-9	Benzo(k)fluoranthene	618		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
105-60-2	Caprolactam	ND		ug/kg dry	241	481	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
86-74-8	Carbazole	231	J	ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
218-01-9	Chrysene	1460		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
53-70-3	Dibenzo(a,h)anthracene	302	CCV-E	ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	241	481	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH



Sample Information

Client Sample ID: A3 Comp (0-3)

York Sample ID: 14K0837-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:45 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	241	481	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
206-44-0	Fluoranthene	3230		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
86-73-7	Fluorene	252		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
193-39-5	Indeno(1,2,3-cd)pyrene	625		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
78-59-1	Isophorone	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
91-57-6	2-Methylnaphthalene	268		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
91-20-3	Naphthalene	335		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	241	481	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	241	481	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	241	481	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	241	481	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
85-01-8	Phenanthrene	2180		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
108-95-2	Phenol	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
129-00-0	Pyrene	3360		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	121	241	5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	90.1 %	10-99								
4165-62-2	Surrogate: Phenol-d5	98.3 %	10-108								
4165-60-0	Surrogate: Nitrobenzene-d5	119 %	10-119								



Sample Information

Client Sample ID: A3 Comp (0-3)

York Sample ID: 14K0837-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:45 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: 2-Fluorobiphenyl	82.8 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	98.4 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	117 %			10-123						

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	Unkown Alkane	5200	JN	ug/kg dry			5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
NA	Unkown Aromatic	3660	JN	ug/kg dry			5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
	Unkown Aromatic #2	3660	JN	ug/kg dry			5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
NA	Unkown Cyclodecane	4430	JN	ug/kg dry			5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
NA	Unkown Cyclohexane	3270	JN	ug/kg dry			5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
	Unkown Cyclohexane #2	3850	JN	ug/kg dry			5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
	Unkown Cyclohexane #3	2690	JN	ug/kg dry			5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
	Unkown Hydrocarbon	4620	JN	ug/kg dry			5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
NA	Unkown Hydrocarbon #2	2890	JN	ug/kg dry			5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH
	Unkown Hydrocarbon #3	3460	JN	ug/kg dry			5	EPA 8270D	11/25/2014 10:00	12/02/2014 13:19	KH

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
57-74-9	Chlordane, total	ND		ug/kg dry	11.4	11.4	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
72-20-8	Endrin	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW



Sample Information

Client Sample ID: A3 Comp (0-3)

York Sample ID: 14K0837-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:45 pm

11/21/2014

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
72-43-5	Methoxychlor	ND		ug/kg dry	14.3	14.3	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
8001-35-2	Toxaphene	ND		ug/kg dry	145	145	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:32	JW
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	48.9 %			30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	37.5 %			30-140						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.0289	0.0289	1	EPA 8082A	11/26/2014 08:51	12/01/2014 20:47	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0289	0.0289	1	EPA 8082A	11/26/2014 08:51	12/01/2014 20:47	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0289	0.0289	1	EPA 8082A	11/26/2014 08:51	12/01/2014 20:47	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0289	0.0289	1	EPA 8082A	11/26/2014 08:51	12/01/2014 20:47	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0289	0.0289	1	EPA 8082A	11/26/2014 08:51	12/01/2014 20:47	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0289	0.0289	1	EPA 8082A	11/26/2014 08:51	12/01/2014 20:47	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0289	0.0289	1	EPA 8082A	11/26/2014 08:51	12/01/2014 20:47	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0289	0.0289	1	EPA 8082A	11/26/2014 08:51	12/01/2014 20:47	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	61.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	53.0 %			30-140						

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		934		mg/kg dry	57.7	57.7	1	NJDEP EPH Rev 3.0	11/24/2014 16:21	11/25/2014 23:14	JW
Surrogate Recoveries		Result			Acceptance Range						
3386-33-2	Surrogate: 1-Chlorooctadecane	53.5 %			40-140						
84-15-1	Surrogate: o-Terphenyl	53.9 %			40-140						



Sample Information

Client Sample ID: A3 Comp (0-3)

York Sample ID: 14K0837-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:45 pm

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5510		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7440-36-0	Antimony	1.72		mg/kg dry	0.577	0.577	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7440-38-2	Arsenic	65.6		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7440-39-3	Barium	204		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.115	0.115	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7440-43-9	Cadmium	1.11		mg/kg dry	0.346	0.346	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7440-70-2	Calcium	22700		mg/kg dry	0.577	5.77	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7440-47-3	Chromium	17.3		mg/kg dry	0.577	0.577	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7440-48-4	Cobalt	8.49		mg/kg dry	0.577	0.577	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7440-50-8	Copper	116		mg/kg dry	0.577	0.577	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7439-89-6	Iron	29800		mg/kg dry	2.31	2.31	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7439-92-1	Lead	757		mg/kg dry	0.346	0.346	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7439-95-4	Magnesium	4780		mg/kg dry	5.77	5.77	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7439-96-5	Manganese	290		mg/kg dry	0.577	0.577	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7440-02-0	Nickel	25.4		mg/kg dry	0.577	0.577	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7440-09-7	Potassium	987		mg/kg dry	5.77	5.77	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7782-49-2	Selenium	3.92		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7440-22-4	Silver	ND		mg/kg dry	0.577	0.577	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7440-23-5	Sodium	188		mg/kg dry	11.5	11.5	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7440-28-0	Thallium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7440-62-2	Vanadium	29.6		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW
7440-66-6	Zinc	596		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:00	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:08	MW
7440-39-3	Barium	0.890		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:08	MW
7440-43-9	Cadmium	0.010		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:08	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:08	MW
7439-92-1	Lead	1.17		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:08	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:08	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:08	MW



Sample Information

Client Sample ID: A3 Comp (0-3)

York Sample ID: 14K0837-01

York Project (SDG) No.

14K0837

Client Project ID

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 12:45 pm

Date Received

11/21/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.615		mg/kg dry	0.0346	0.0346	1	EPA 7473	11/24/2014 11:04	11/24/2014 17:38	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 13:01	11/26/2014 06:10	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:09	11/26/2014 17:20	AA

Paint Filter Test

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
	* Paint Filter Test	No Free Liquid		-	0	0	1	EPA 9095A	12/01/2014 12:48	12/01/2014 13:07	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.6		%	0.100	0.100	1	SM 2540G	12/01/2014 11:44	12/01/2014 17:27	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.404	0.577	1	EPA 7196A	12/01/2014 10:09	12/01/2014 18:04	KK

Corrosivity

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
	pH	8.43	HT-pH	pH units		0.500	1	EPA 9045D	12/02/2014 13:42	12/02/2014 15:58	SCA

Reactivity-Cyanide

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: A3 Comp (0-3)

York Sample ID: 14K0837-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:45 pm

11/21/2014

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/02/2014 10:48	12/02/2014 15:54	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/02/2014 10:50	12/02/2014 15:55	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:27	KK

Sample Information

Client Sample ID: A3 Grab (0-3)

York Sample ID: 14K0837-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:48 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
95-63-6	1,2,4-Trimethylbenzene	140		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS



Sample Information

Client Sample ID: A3 Grab (0-3)

York Sample ID: 14K0837-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:48 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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
108-67-8	1,3,5-Trimethylbenzene	62		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	120	240	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
110-82-7	Cyclohexane	52		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
78-93-3	2-Butanone	6.9	J	ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
591-78-6	2-Hexanone	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
67-64-1	Acetone	26		ug/kg dry	12	24	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
			Cal-E, CCV-E , ICV-E								
107-02-8	Acrolein	ND		ug/kg dry	12	24	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
71-43-2	Benzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
75-25-2	Bromoform	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
74-83-9	Bromomethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
75-00-3	Chloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
67-66-3	Chloroform	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
74-87-3	Chloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
74-95-3	Dibromomethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
100-41-4	Ethyl Benzene	58		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
108-87-2	Methylcyclohexane	260		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
98-82-8	Isopropylbenzene	42		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
79-20-9	Methyl acetate	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
75-09-2	Methylene chloride	ND		ug/kg dry	12	24	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
103-65-1	n-Propylbenzene	59		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
95-47-6	o-Xylene	55		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
179601-23-1	p- & m- Xylenes	110		ug/kg dry	12	24	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS



Sample Information

Client Sample ID: A3 Grab (0-3)

York Sample ID: 14K0837-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:48 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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	8.9	J	ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
135-98-8	sec-Butylbenzene	69		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
100-42-5	Styrene	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
108-88-3	Toluene	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.1	12	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
1330-20-7	Xylenes, Total	160		ug/kg dry	18	36	1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	64.2 %	S-04			77-125					
460-00-4	Surrogate: p-Bromofluorobenzene	85.8 %				76-130					
2037-26-5	Surrogate: Toluene-d8	123 %	S-04			85-120					

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
NA	dimethyl Cyclohexane isomer	160	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
NA	dimethyl Heptane isomer	140	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
NA	dimethyl octane isomers	2100	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
NA	dimethyl undecane isomers	820	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
NA	ethyl dimethyl Cyclohexane isomer	360	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
NA	ethyl methyl cyclohexane isomers	860	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
NA	methyl Octane isomer	150	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
NA	octahydro indene isomers	660	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
NA	Octane isomer	18	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
NA	tetramethyl cyclohexane isomer	1600	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS
NA	Trimethyl cyclohexane isomer	370	J	ug/kg dry			1	EPA 8260C	11/25/2014 16:23	11/26/2014 05:50	SS



Sample Information

Client Sample ID: A3 Grab (0-3)

York Sample ID: 14K0837-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 12:48 pm

11/21/2014

Total Solids

Log-in Notes: VOA-CONT

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	82.2		%	0.100	0.100	1	SM 2540G	12/01/2014 11:44	12/01/2014 17:27	SCA

Sample Information

Client Sample ID: A3 Comp (3-6)

York Sample ID: 14K0837-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:00 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	348		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
208-96-8	Acenaphthylene	371		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
98-86-2	Acetophenone	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
120-12-7	Anthracene	1070		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
1912-24-9	Atrazine	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
92-87-5	Benzidine	ND		ug/kg dry	513	1030	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
56-55-3	Benzo(a)anthracene	3090		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
50-32-8	Benzo(a)pyrene	1480		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
205-99-2	Benzo(b)fluoranthene	1430		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
191-24-2	Benzo(g,h,i)perylene	864		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
65-85-0	Benzoic acid	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
207-08-9	Benzo(k)fluoranthene	1610		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
105-60-2	Caprolactam	ND		ug/kg dry	256	512	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
86-74-8	Carbazole	332		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR



Sample Information

Client Sample ID: A3 Comp (3-6)

York Sample ID: 14K0837-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:00 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
218-01-9	Chrysene	3810		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
53-70-3	Dibenzo(a,h)anthracene	452		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
132-64-9	Dibenzofuran	268		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	256	512	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	256	512	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
117-81-7	Bis(2-ethylhexyl)phthalate	180	J	ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
206-44-0	Fluoranthene	7070		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
86-73-7	Fluorene	489		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
193-39-5	Indeno(1,2,3-cd)pyrene	923		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
78-59-1	Isophorone	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
91-57-6	2-Methylnaphthalene	199	J	ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
91-20-3	Naphthalene	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	256	512	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	256	512	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	256	512	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
98-95-3	Nitrobenzene	190	J	ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	256	512	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR



Sample Information

Client Sample ID: A3 Comp (3-6)

York Sample ID: 14K0837-03

York Project (SDG) No.

14K0837

Client Project ID

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 1:00 pm

Date Received

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
85-01-8	Phenanthrene	4620		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
108-95-2	Phenol	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
129-00-0	Pyrene	7170		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	128	256	5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	54.5 %		10-99							
4165-62-2	Surrogate: Phenol-d5	61.8 %		10-108							
4165-60-0	Surrogate: Nitrobenzene-d5	51.0 %		10-119							
321-60-8	Surrogate: 2-Fluorobiphenyl	68.5 %		10-114							
118-79-6	Surrogate: 2,4,6-Tribromophenol	25.6 %		10-106							
1718-51-0	Surrogate: Terphenyl-d14	66.8 %		10-123							

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	dimethyl Undecane isomer	14300	JN	ug/kg dry			5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
NA	methyl Cyclohexane isomer	7580	JN	ug/kg dry			5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
NA	pentadecane isomer	22700	JN	ug/kg dry			5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
NA	Trimethyl dodecane isomer	11900	JN	ug/kg dry			5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
NA	Unknow PAH-possible perylene	5120	JN	ug/kg dry			5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR
NA	unknown alkene isomer	10200	JN	ug/kg dry			5	EPA 8270D	11/25/2014 10:00	11/26/2014 01:30	SR

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	3.04	3.04	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.04	3.04	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
319-85-7	beta-BHC	ND		ug/kg dry	3.04	3.04	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
319-86-8	delta-BHC	ND		ug/kg dry	3.04	3.04	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	3.04	3.04	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	3.04	3.04	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	3.04	3.04	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW



Sample Information

Client Sample ID: A3 Comp (3-6)

York Sample ID: 14K0837-03

York Project (SDG) No.

14K0837

Client Project ID

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 1:00 pm

Date Received

11/21/2014

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/kg dry	12.2	12.2	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	3.04	3.04	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	3.04	3.04	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	3.04	3.04	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
60-57-1	Dieldrin	ND		ug/kg dry	3.04	3.04	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
959-98-8	Endosulfan I	ND		ug/kg dry	3.04	3.04	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	3.04	3.04	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	3.04	3.04	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
72-20-8	Endrin	ND		ug/kg dry	3.04	3.04	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	3.04	3.04	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	3.04	3.04	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.04	3.04	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	3.04	3.04	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
72-43-5	Methoxychlor	ND		ug/kg dry	15.2	15.2	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
8001-35-2	Toxaphene	ND		ug/kg dry	154	154	5	EPA 8081B	11/26/2014 08:51	12/01/2014 18:47	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	52.4 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	42.2 %		30-140							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.0307	0.0307	1	EPA 8082A	11/26/2014 08:51	12/01/2014 21:16	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0307	0.0307	1	EPA 8082A	11/26/2014 08:51	12/01/2014 21:16	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0307	0.0307	1	EPA 8082A	11/26/2014 08:51	12/01/2014 21:16	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0307	0.0307	1	EPA 8082A	11/26/2014 08:51	12/01/2014 21:16	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0307	0.0307	1	EPA 8082A	11/26/2014 08:51	12/01/2014 21:16	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0307	0.0307	1	EPA 8082A	11/26/2014 08:51	12/01/2014 21:16	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0307	0.0307	1	EPA 8082A	11/26/2014 08:51	12/01/2014 21:16	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0307	0.0307	1	EPA 8082A	11/26/2014 08:51	12/01/2014 21:16	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	59.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	61.5 %		30-140							



Sample Information

Client Sample ID: A3 Comp (3-6)

York Sample ID: 14K0837-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:00 pm

11/21/2014

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	1940		mg/kg dry	61.4	61.4	1	NJDEP EPH Rev 3.0	11/24/2014 16:21	11/25/2014 23:43	JW
	Surrogate Recoveries	Result			Acceptance Range						
3386-33-2	Surrogate: 1-Chlorooctadecane	48.1 %			40-140						
84-15-1	Surrogate: o-Terphenyl	48.4 %			40-140						

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	6740		mg/kg dry	1.23	1.23	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7440-36-0	Antimony	1.06		mg/kg dry	0.614	0.614	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7440-38-2	Arsenic	24.5		mg/kg dry	1.23	1.23	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7440-39-3	Barium	170		mg/kg dry	1.23	1.23	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.123	0.123	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.369	0.369	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7440-70-2	Calcium	27300		mg/kg dry	0.614	6.14	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7440-47-3	Chromium	19.1		mg/kg dry	0.614	0.614	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7440-48-4	Cobalt	7.90		mg/kg dry	0.614	0.614	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7440-50-8	Copper	112		mg/kg dry	0.614	0.614	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7439-89-6	Iron	37700		mg/kg dry	2.46	2.46	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7439-92-1	Lead	836		mg/kg dry	0.369	0.369	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7439-95-4	Magnesium	3370		mg/kg dry	6.14	6.14	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7439-96-5	Manganese	358		mg/kg dry	0.614	0.614	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7440-02-0	Nickel	13.8		mg/kg dry	0.614	0.614	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7440-09-7	Potassium	932		mg/kg dry	6.14	6.14	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7782-49-2	Selenium	4.41		mg/kg dry	1.23	1.23	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7440-22-4	Silver	ND		mg/kg dry	0.614	0.614	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7440-23-5	Sodium	155		mg/kg dry	12.3	12.3	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7440-28-0	Thallium	ND		mg/kg dry	1.23	1.23	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7440-62-2	Vanadium	26.2		mg/kg dry	1.23	1.23	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW
7440-66-6	Zinc	228		mg/kg dry	1.23	1.23	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:05	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:13	MW
7440-39-3	Barium	0.621		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:13	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:13	MW



Sample Information

Client Sample ID: A3 Comp (3-6)

York Sample ID: 14K0837-03

York Project (SDG) No.

14K0837

Client Project ID

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 1:00 pm

Date Received

11/21/2014

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:13	MW
7439-92-1	Lead	0.845		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:13	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:13	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:13	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.636		mg/kg dry	0.0369	0.0369	1	EPA 7473	11/24/2014 11:04	11/24/2014 17:50	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 13:01	11/26/2014 06:10	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:09	11/26/2014 17:20	AA

Paint Filter Test

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
	* Paint Filter Test	No Free Liquid		-	0	0	1	EPA 9095A	12/01/2014 12:48	12/01/2014 13:07	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	81.4		%	0.100	0.100	1	SM 2540G	12/01/2014 11:44	12/01/2014 17:27	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.430	0.614	1	EPA 7196A	12/01/2014 10:09	12/01/2014 18:04	KK

Corrosivity

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: A3 Comp (3-6)

York Sample ID: 14K0837-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:00 pm

11/21/2014

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
	pH	8.61	HT-pH	pH units		0.500	1	EPA 9045D	12/02/2014 13:42	12/02/2014 15:58	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/02/2014 10:48	12/02/2014 15:54	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	16.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/02/2014 10:50	12/02/2014 15:55	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:27	KK

Sample Information

Client Sample ID: A3 Grab (3-6)

York Sample ID: 14K0837-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:20 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS



Sample Information

Client Sample ID: A3 Grab (3-6)

York Sample ID: 14K0837-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:20 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	32000	63000	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
110-82-7	Cyclohexane	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
78-93-3	2-Butanone	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
591-78-6	2-Hexanone	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
67-64-1	Acetone	ND		ug/kg dry	3200	6300	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
107-02-8	Acrolein	ND		ug/kg dry	3200	6300	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
71-43-2	Benzene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
75-25-2	Bromoform	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
74-83-9	Bromomethane	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
75-00-3	Chloroethane	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
67-66-3	Chloroform	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
74-87-3	Chloromethane	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
74-95-3	Dibromomethane	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
79-20-9	Methyl acetate	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
75-09-2	Methylene chloride	ND		ug/kg dry	3200	6300	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
103-65-1	n-Propylbenzene	2000	J	ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS



Sample Information

Client Sample ID: A3 Grab (3-6)

York Sample ID: 14K0837-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:20 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3200	6300	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
135-98-8	sec-Butylbenzene	2900	J	ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
100-42-5	Styrene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
108-88-3	Toluene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1600	3200	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	4800	9500	500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	99.4 %	76-130								
2037-26-5	Surrogate: Toluene-d8	108 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
527-53-7	1,2,4,5-Tetramethylbenzene	15000	JN	ug/kg dry			500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
2958-76-1	decahydro methyl naphthalene isomers	32000	J	ug/kg dry			500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
NA	diethyl methyl cyclohexane isomer	14000	J	ug/kg dry			500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
NA	dimethyl Cyclohexane isomer	11000	J	ug/kg dry			500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
NA	dimethyl octane isomer	19000	J	ug/kg dry			500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
NA	dimethyl Octene isomer	37000	J	ug/kg dry			500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
NA	Ethyl Dimethyl Benzene isomer	23000	J	ug/kg dry			500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
NA	ethyl methyl heptane isomer	9600	J	ug/kg dry			500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
NA	methyl Dodecane isomer	14000	J	ug/kg dry			500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
NA	pentamethyl Benzene isomer	9700	J	ug/kg dry			500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
NA	pentyl Cyclohexane isomer	15000	J	ug/kg dry			500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
NA	propyl Cyclohexane isomer	35000	J	ug/kg dry			500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS
NA	trimethyl octyne isomer	11000	J	ug/kg dry			500	EPA 8260C	11/25/2014 16:23	11/26/2014 06:19	SS



Sample Information

Client Sample ID: A3 Grab (3-6)

York Sample ID: 14K0837-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:20 pm

11/21/2014

Total Solids

Log-in Notes: VOA-CONT

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	78.8		%	0.100	0.100	1	SM 2540G	12/01/2014 11:44	12/01/2014 17:27	SCA

Sample Information

Client Sample ID: A3 Comp (6-9)

York Sample ID: 14K0837-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:05 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
98-86-2	Acetophenone	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
120-12-7	Anthracene	657		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
1912-24-9	Atrazine	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
92-87-5	Benzidine	ND		ug/kg dry	590	1180	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
56-55-3	Benzo(a)anthracene	1170		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
50-32-8	Benzo(a)pyrene	386		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
205-99-2	Benzo(b)fluoranthene	377		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
191-24-2	Benzo(g,h,i)perylene	214	J	ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
65-85-0	Benzoic acid	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
207-08-9	Benzo(k)fluoranthene	454		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
105-60-2	Caprolactam	ND		ug/kg dry	294	588	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
86-74-8	Carbazole	233	J	ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR



Sample Information

Client Sample ID: A3 Comp (6-9)

York Sample ID: 14K0837-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:05 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
218-01-9	Chrysene	1300		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	294	588	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	294	588	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
206-44-0	Fluoranthene	2890		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
86-73-7	Fluorene	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
193-39-5	Indeno(1,2,3-cd)pyrene	231	J	ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
78-59-1	Isophorone	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
91-57-6	2-Methylnaphthalene	20300		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
91-20-3	Naphthalene	13900		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	294	588	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	294	588	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	294	588	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
98-95-3	Nitrobenzene	2890		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	294	588	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR



Sample Information

Client Sample ID: A3 Comp (6-9)

York Sample ID: 14K0837-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:05 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
85-01-8	Phenanthrene	3090		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
108-95-2	Phenol	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
129-00-0	Pyrene	2920		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	148	294	5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	68.3 %		10-99							
4165-62-2	Surrogate: Phenol-d5	71.4 %		10-108							
4165-60-0	Surrogate: Nitrobenzene-d5	41.1 %		10-119							
321-60-8	Surrogate: 2-Fluorobiphenyl	81.4 %		10-114							
118-79-6	Surrogate: 2,4,6-Tribromophenol	49.1 %		10-106							
1718-51-0	Surrogate: Terphenyl-d14	77.8 %		10-123							

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	methyl Noname isomer	5880	JN	ug/kg dry			5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR
NA	Unknown c14 hydrocarbon	11800	JN	ug/kg dry			5	EPA 8270D	11/25/2014 10:00	11/26/2014 02:01	SR

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	3.50	3.50	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.50	3.50	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
319-85-7	beta-BHC	ND		ug/kg dry	3.50	3.50	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
319-86-8	delta-BHC	ND		ug/kg dry	3.50	3.50	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	3.50	3.50	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	3.50	3.50	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	3.50	3.50	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
57-74-9	Chlordane, total	ND		ug/kg dry	14.0	14.0	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	3.50	3.50	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	3.50	3.50	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	3.50	3.50	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW



Sample Information

Client Sample ID: A3 Comp (6-9)

York Sample ID: 14K0837-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:05 pm

11/21/2014

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	3.50	3.50	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
959-98-8	Endosulfan I	ND		ug/kg dry	3.50	3.50	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	3.50	3.50	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	3.50	3.50	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
72-20-8	Endrin	ND		ug/kg dry	3.50	3.50	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	3.50	3.50	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	3.50	3.50	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.50	3.50	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	3.50	3.50	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
72-43-5	Methoxychlor	ND		ug/kg dry	17.5	17.5	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
8001-35-2	Toxaphene	ND		ug/kg dry	177	177	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:03	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	48.2 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	45.0 %		30-140							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.0353	0.0353	1	EPA 8082A	11/26/2014 08:51	12/01/2014 21:45	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0353	0.0353	1	EPA 8082A	11/26/2014 08:51	12/01/2014 21:45	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0353	0.0353	1	EPA 8082A	11/26/2014 08:51	12/01/2014 21:45	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0353	0.0353	1	EPA 8082A	11/26/2014 08:51	12/01/2014 21:45	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0353	0.0353	1	EPA 8082A	11/26/2014 08:51	12/01/2014 21:45	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0353	0.0353	1	EPA 8082A	11/26/2014 08:51	12/01/2014 21:45	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0353	0.0353	1	EPA 8082A	11/26/2014 08:51	12/01/2014 21:45	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0353	0.0353	1	EPA 8082A	11/26/2014 08:51	12/01/2014 21:45	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	50.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	50.5 %		30-140							



Sample Information

Client Sample ID: A3 Comp (6-9)

York Sample ID: 14K0837-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:05 pm

11/21/2014

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		15800		mg/kg dry	3530	3530	50	NJDEP EPH Rev 3.0	11/24/2014 16:21	12/01/2014 15:43	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	%	S-01	40-140							
84-15-1	Surrogate: o-Terphenyl	%	S-01	40-140							

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	6010		mg/kg dry	1.41	1.41	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7440-36-0	Antimony	7.09		mg/kg dry	0.706	0.706	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7440-38-2	Arsenic	212		mg/kg dry	1.41	1.41	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7440-39-3	Barium	98.3		mg/kg dry	1.41	1.41	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.141	0.141	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.424	0.424	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7440-70-2	Calcium	13200		mg/kg dry	0.706	7.06	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7440-47-3	Chromium	17.2		mg/kg dry	0.706	0.706	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7440-48-4	Cobalt	9.08		mg/kg dry	0.706	0.706	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7440-50-8	Copper	580		mg/kg dry	0.706	0.706	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7439-89-6	Iron	30600		mg/kg dry	2.82	2.82	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7439-92-1	Lead	4080		mg/kg dry	0.424	0.424	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7439-95-4	Magnesium	2820		mg/kg dry	7.06	7.06	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7439-96-5	Manganese	249		mg/kg dry	0.706	0.706	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7440-02-0	Nickel	14.6		mg/kg dry	0.706	0.706	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7440-09-7	Potassium	1030		mg/kg dry	7.06	7.06	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7782-49-2	Selenium	5.74		mg/kg dry	1.41	1.41	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7440-22-4	Silver	ND		mg/kg dry	0.706	0.706	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7440-23-5	Sodium	133		mg/kg dry	14.1	14.1	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7440-28-0	Thallium	ND		mg/kg dry	1.41	1.41	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7440-62-2	Vanadium	22.7		mg/kg dry	1.41	1.41	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW
7440-66-6	Zinc	159		mg/kg dry	1.41	1.41	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:09	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	0.184		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:19	MW
7440-39-3	Barium	0.530		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:19	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:19	MW



Sample Information

Client Sample ID: A3 Comp (6-9)

York Sample ID: 14K0837-05

York Project (SDG) No.

14K0837

Client Project ID

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 1:05 pm

Date Received

11/21/2014

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:19	MW
7439-92-1	Lead	1.78		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:19	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:19	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:19	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0976		mg/kg dry	0.0424	0.0424	1	EPA 7473	11/24/2014 11:04	11/24/2014 18:02	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 13:01	11/26/2014 06:10	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:09	11/26/2014 17:20	AA

Paint Filter Test

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
	* Paint Filter Test	No Free Liquid		-	0	0	1	EPA 9095A	12/01/2014 12:48	12/01/2014 13:07	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	70.8		%	0.100	0.100	1	SM 2540G	12/01/2014 11:44	12/01/2014 17:27	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.494	0.706	1	EPA 7196A	12/01/2014 10:09	12/01/2014 18:04	KK

Corrosivity

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: A3 Comp (6-9)

York Sample ID: 14K0837-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:05 pm

11/21/2014

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
	pH	8.49	HT-pH	pH units		0.500	1	EPA 9045D	12/02/2014 13:42	12/02/2014 15:58	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/02/2014 10:48	12/02/2014 15:54	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/02/2014 10:50	12/02/2014 15:55	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:27	KK

Sample Information

Client Sample ID: A3 Grab (6-9)

York Sample ID: 14K0837-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:30 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes: Rep-04

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
95-63-6	1,2,4-Trimethylbenzene	4900		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK



Sample Information

Client Sample ID: A3 Grab (6-9)

York Sample ID: 14K0837-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:30 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes: Rep-04

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	62000	120000	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
110-82-7	Cyclohexane	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
78-93-3	2-Butanone	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
591-78-6	2-Hexanone	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
67-64-1	Acetone	3500	Cal-E, CCV-E , J, ICV-E	ug/kg dry	3100	6200	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
107-02-8	Acrolein	ND		ug/kg dry	3100	6200	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
71-43-2	Benzene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
75-25-2	Bromoform	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
74-83-9	Bromomethane	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
75-00-3	Chloroethane	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
67-66-3	Chloroform	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
74-87-3	Chloromethane	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
74-95-3	Dibromomethane	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
79-20-9	Methyl acetate	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
75-09-2	Methylene chloride	ND		ug/kg dry	3100	6200	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK



Sample Information

Client Sample ID: A3 Grab (6-9)

York Sample ID: 14K0837-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:30 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes: Rep-04

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	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
95-47-6	o-Xylene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3100	6200	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
135-98-8	sec-Butylbenzene	2000	J	ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
100-42-5	Styrene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
108-88-3	Toluene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	1600	3100	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	4700	9300	500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %				77-125					
460-00-4	Surrogate: p-Bromofluorobenzene	89.3 %				76-130					
2037-26-5	Surrogate: Toluene-d8	93.0 %				85-120					

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

VOA-CONT

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
NA	alkylcyclohexane isomer	43000	J	ug/kg dry			500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
NA	alkylnaphthalene isomers	77000	J	ug/kg dry			500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
NA	dimethyloctane isomer	14000	J	ug/kg dry			500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
NA	Hexanedioic acid isomer	16000	J	ug/kg dry			500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
NA	Methyldecane isomer	32000	J	ug/kg dry			500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
NA	nonane isomer	28000	J	ug/kg dry			500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
NA	octadecanol isomer	28000	J	ug/kg dry			500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
NA	octadecene isomer	30000	J	ug/kg dry			500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK
NA	unknown	57000	J	ug/kg dry			500	EPA 8260C	12/01/2014 16:49	12/02/2014 10:18	BK



Sample Information

Client Sample ID: A3 Grab (6-9)

York Sample ID: 14K0837-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:30 pm

11/21/2014

Total Solids

Log-in Notes: VOA-CONT

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	80.2		%	0.100	0.100	1	SM 2540G	12/01/2014 11:44	12/01/2014 17:27	SCA

Sample Information

Client Sample ID: A3 Comp (9-12)

York Sample ID: 14K0837-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:35 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
98-86-2	Acetophenone	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
120-12-7	Anthracene	487	J	ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
1912-24-9	Atrazine	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
92-87-5	Benzidine	ND		ug/kg dry	1140	2280	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
56-55-3	Benzo(a)anthracene	478	J, CCV-E	ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
65-85-0	Benzoic acid	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
92-52-4	1,1'-Biphenyl	1420		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
105-60-2	Caprolactam	ND		ug/kg dry	569	1140	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
86-74-8	Carbazole	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH



Sample Information

Client Sample ID: A3 Comp (9-12)

York Sample ID: 14K0837-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:35 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
218-01-9	Chrysene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	569	1140	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	569	1140	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
206-44-0	Fluoranthene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
86-73-7	Fluorene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
78-59-1	Isophorone	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
91-57-6	2-Methylnaphthalene	6140		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
91-20-3	Naphthalene	6130		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	569	1140	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	569	1140	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	569	1140	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	569	1140	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH



Sample Information

Client Sample ID: A3 Comp (9-12)

York Sample ID: 14K0837-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:35 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
85-01-8	Phenanthrene	2090		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
108-95-2	Phenol	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
129-00-0	Pyrene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	285	569	10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	109 %	S-06		10-99						
4165-62-2	Surrogate: Phenol-d5	119 %	S-06		10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	346 %	S-06		10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	156 %	S-06		10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	146 %	S-06		10-106						
1718-51-0	Surrogate: Terphenyl-d14	117 %	S-06		10-123						

Semi-Volatiles, Tentatively Identified Cmpds.

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
062108-16-1	1H-Indole, 2,3-dihydro-4-methy	21700	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
073105-67-6	1-Iodo-2-methylundecane	30800	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
013150-81-7	2,6-Dimethyldecane	18800	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	20600	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
000527-84-4	Benzene, 1-methyl-2-(1-methyle	16700	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
061142-20-9	Cyclohexane, (4-methylpentyl)-	30300	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
054824-04-3	Cyclohexane, 1-(cyclohexylmeth	15500	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
001678-93-9	Cyclohexane, butyl-	17200	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
053771-88-3	Cyclopentane, 1-methyl-3-(1-me	23700	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
124-18-5	Decane	26300	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
003891-98-3	Dodecane, 2,6,10-trimethyl-	16700	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
629-78-7	Heptadecane	15000	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
014676-29-0	Heptane, 3-ethyl-2-methyl-	18100	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
544-76-3	Hexadecane	23200	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
006418-43-5	Hexadecane, 3-methyl-	19900	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
000829-26-5	Naphthalene, 2,3,6-trimethyl-	18900	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
000581-42-0	Naphthalene, 2,6-dimethyl-	23700	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
593-45-3	Octadecane	18600	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH



Sample Information

Client Sample ID: A3 Comp (9-12)

York Sample ID: 14K0837-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:35 pm

11/21/2014

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	Octane	16100	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
002051-30-1	Octane, 2,6-dimethyl-	20800	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
000629-62-9	Pentadecane (01)	36200	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
000629-62-9	Pentadecane (02)	18200	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
001560-93-6	Pentadecane, 2-methyl-	20500	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
629-50-5	tridecane	35700	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH
001560-96-9	Tridecane, 2-methyl-	16300	JN	ug/kg dry			10	EPA 8270D	11/25/2014 10:00	12/02/2014 14:21	KH

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	3.38	3.38	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.38	3.38	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
319-85-7	beta-BHC	ND		ug/kg dry	3.38	3.38	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
319-86-8	delta-BHC	ND		ug/kg dry	3.38	3.38	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	3.38	3.38	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	3.38	3.38	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	3.38	3.38	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
57-74-9	Chlordane, total	ND		ug/kg dry	13.5	13.5	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	3.38	3.38	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	3.38	3.38	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	3.38	3.38	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
60-57-1	Dieldrin	ND		ug/kg dry	3.38	3.38	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
959-98-8	Endosulfan I	ND		ug/kg dry	3.38	3.38	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	3.38	3.38	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	3.38	3.38	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
72-20-8	Endrin	ND		ug/kg dry	3.38	3.38	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	3.38	3.38	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	3.38	3.38	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.38	3.38	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	3.38	3.38	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
72-43-5	Methoxychlor	ND		ug/kg dry	16.9	16.9	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW
8001-35-2	Toxaphene	ND		ug/kg dry	171	171	5	EPA 8081B	11/26/2014 08:51	12/01/2014 19:19	JW

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	49.4 %	30-140
877-09-8	Surrogate: Tetrachloro-m-xylene	71.8 %	30-140



Sample Information

Client Sample ID: A3 Comp (9-12)

York Sample ID: 14K0837-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:35 pm

11/21/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.0341	0.0341	1	EPA 8082A	11/26/2014 08:51	12/01/2014 22:15	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0341	0.0341	1	EPA 8082A	11/26/2014 08:51	12/01/2014 22:15	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0341	0.0341	1	EPA 8082A	11/26/2014 08:51	12/01/2014 22:15	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0341	0.0341	1	EPA 8082A	11/26/2014 08:51	12/01/2014 22:15	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0341	0.0341	1	EPA 8082A	11/26/2014 08:51	12/01/2014 22:15	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0341	0.0341	1	EPA 8082A	11/26/2014 08:51	12/01/2014 22:15	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0341	0.0341	1	EPA 8082A	11/26/2014 08:51	12/01/2014 22:15	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0341	0.0341	1	EPA 8082A	11/26/2014 08:51	12/01/2014 22:15	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	53.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	63.5 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	7630		mg/kg dry	3410	3410	50	NJDEP EPH Rev 3.0	11/24/2014 16:21	12/01/2014 16:12	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	%	S-01	40-140							
84-15-1	Surrogate: o-Terphenyl	%	S-01	40-140							

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	6850		mg/kg dry	1.37	1.37	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW
7440-36-0	Antimony	2.96		mg/kg dry	0.683	0.683	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW
7440-38-2	Arsenic	70.4		mg/kg dry	1.37	1.37	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW
7440-39-3	Barium	74.5		mg/kg dry	1.37	1.37	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.137	0.137	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.410	0.410	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW
7440-70-2	Calcium	2480		mg/kg dry	0.683	6.83	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW
7440-47-3	Chromium	19.2		mg/kg dry	0.683	0.683	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW
7440-48-4	Cobalt	8.00		mg/kg dry	0.683	0.683	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW
7440-50-8	Copper	273		mg/kg dry	0.683	0.683	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW
7439-89-6	Iron	21600		mg/kg dry	2.73	2.73	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW
7439-92-1	Lead	2440		mg/kg dry	0.410	0.410	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW
7439-95-4	Magnesium	3030		mg/kg dry	6.83	6.83	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW



Sample Information

Client Sample ID: A3 Comp (9-12)

York Sample ID: 14K0837-07

York Project (SDG) No.

14K0837

Client Project ID

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 1:35 pm

Date Received

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	263		mg/kg dry	0.683	0.683	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW
7440-02-0	Nickel	13.6		mg/kg dry	0.683	0.683	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW
7440-09-7	Potassium	1560		mg/kg dry	6.83	6.83	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW
7782-49-2	Selenium	3.50		mg/kg dry	1.37	1.37	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW
7440-22-4	Silver	ND		mg/kg dry	0.683	0.683	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW
7440-23-5	Sodium	93.9		mg/kg dry	13.7	13.7	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW
7440-28-0	Thallium	ND		mg/kg dry	1.37	1.37	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW
7440-62-2	Vanadium	24.3		mg/kg dry	1.37	1.37	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW
7440-66-6	Zinc	73.1		mg/kg dry	1.37	1.37	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:17	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:24	MW
7440-39-3	Barium	0.180		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:24	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:24	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:24	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:24	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:24	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:02	12/02/2014 05:24	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.05		mg/kg dry	0.0410	0.0410	1	EPA 7473	11/25/2014 06:59	11/25/2014 14:46	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 13:01	11/26/2014 06:10	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:09	11/26/2014 17:20	AA

Paint Filter Test

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: A3 Comp (9-12)

York Sample ID: 14K0837-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:35 pm

11/21/2014

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
	* Paint Filter Test	No Free Liquid		-	0	0	1	EPA 9095A	12/01/2014 12:48	12/01/2014 13:07	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	73.2		%	0.100	0.100	1	SM 2540G	12/01/2014 11:44	12/01/2014 17:27	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.478	0.683	1	EPA 7196A	12/01/2014 10:09	12/01/2014 18:04	KK

Corrosivity

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
	pH	7.76	HT-pH	pH units		0.500	1	EPA 9045D	12/01/2014 14:24	12/02/2014 15:56	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/02/2014 10:48	12/02/2014 15:54	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	24.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/02/2014 10:50	12/02/2014 15:55	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:27	KK

Sample Information

Client Sample ID: A3 Grab (9-12)

York Sample ID: 14K0837-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:37 pm

11/21/2014



Sample Information

Client Sample ID: A3 Grab (9-12)

York Sample ID: 14K0837-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:37 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes: Rep-04

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	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	29000	58000	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
110-82-7	Cyclohexane	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
78-93-3	2-Butanone	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
591-78-6	2-Hexanone	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
67-64-1	Acetone	ND		ug/kg dry	1500	2900	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
107-02-8	Acrolein	ND		ug/kg dry	1500	2900	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
71-43-2	Benzene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
75-25-2	Bromoform	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
74-83-9	Bromomethane	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
75-00-3	Chloroethane	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
67-66-3	Chloroform	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
74-87-3	Chloromethane	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK



Sample Information

Client Sample ID: A3 Grab (9-12)

York Sample ID: 14K0837-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:37 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes: Rep-04

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
74-95-3	Dibromomethane	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
108-87-2	Methyleyclohexane	1100	J	ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
79-20-9	Methyl acetate	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
75-09-2	Methylene chloride	ND		ug/kg dry	1500	2900	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
95-47-6	o-Xylene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	1500	2900	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
135-98-8	sec-Butylbenzene	1900		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
100-42-5	Styrene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
108-88-3	Toluene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	730	1500	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	2200	4400	250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	92.1 %	76-130								
2037-26-5	Surrogate: Toluene-d8	101 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

VOA-CONT

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
527-53-7	1,2,4,5-Tetramethylbenzene	11000	JN	ug/kg dry			250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
NA	alkyleyclohexane isomers	97000	J	ug/kg dry			250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK



Sample Information

Client Sample ID: A3 Grab (9-12)

York Sample ID: 14K0837-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0837

Grid Section A3 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 1:37 pm

11/21/2014

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
NA	alkylnaphthalene isomer	26000	J	ug/kg dry			250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
NA	Dimethylundecane isomer	9800	J	ug/kg dry			250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
NA	indene isomer	11000	J	ug/kg dry			250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
NA	Methyldecane isomer	14000	J	ug/kg dry			250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
NA	Pulegone isomer	11000	J	ug/kg dry			250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK
NA	tetramethylbenzene isomer	14000	J	ug/kg dry			250	EPA 8260C	12/01/2014 16:49	12/02/2014 10:53	BK

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.5		%	0.100	0.100	1	SM 2540G	12/01/2014 11:44	12/01/2014 17:27	SCA



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14K0837-02	A3 Grab (0-3)	2 oz. WM Clear Glass Cool to 4° C
14K0837-04	A3 Grab (3-6)	2 oz. WM Clear Glass Cool to 4° C
14K0837-06	A3 Grab (6-9)	2 oz. WM Clear Glass Cool to 4° C
14K0837-08	A3 Grab (9-12)	2 oz. WM Clear Glass Cool to 4° C



Notes and Definitions

JN	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20% AND correlation coefficient <0.990 for quadratic fit).
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).
EXT-COMP	Completed
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
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.
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.
VOA-CONT	NON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
PF-01	No Free Liquid
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.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
Rep-04	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
IGN-01	Non-Ignit.

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.

ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

LOQ LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.

LOD LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.

MDL METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.



Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.

For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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



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

Field Chain-of-Custody Record

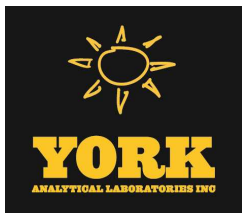
Page 1 of 1

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. 14K0837

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: EBC	☒ SAME ☐	☒ SAME ☐	Name:	Grid Section A3	RUSH-Same Day	Summary Report	☒	QA Report	☒	CT RCP	☒
Address: 1808 Middle Country Rd	Name:	Company:	Address:	25 Kent Avenue, Brooklyn, NY	RUSH-Next Day	CT RCP	☒	CT RCP DQA/DUE Pkg	☒	NY ASP A Package	☒
Ridge, New York 11961	Company:	Address:	Address:		RUSH-Two Day	NY ASP B Package	☒	NY ASP Reduced Deliv	☒	Excel	☒
Phone.: 631.504.6000	Company:	Address:	Address:		RUSH-Three Day	Excel	☒	NYSDEC EQUIS	☒	NJDEP SRP HazSite	☒
Contact: Charles Sosik	Company:	Address:	Address:		RUSH-Four Day	Excel	☒	EQUIS	☒	GIS/KEY (std)	☒
E-mail: Csosik@ebclnyc.com	Company:	Address:	Address:		Standard (5-7 day)	YORK Regulatory Comp Excel	☒	YORK Regulatory Comp Excel	☒	UU, RR SCOS	☒
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) <u>Sunny Chen</u> Name (printed) <u>Sunny Chen</u>											

Analysis Requested (List above includes common analysis)		Matrix		Date/Time Sampled		Preservation (check all applicable)		Special Instructions		Temperature on Receipt	
SVOCs (TCL+10, NJDEP SCC List, NJDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Hex Cr, EPH		Soil	11-20-14 1245	11-20-14 1245	4°C	11/21/14	11/21/14	50°C			
VOCs (TCL+10, NJDEP SCC List, NJDEP SRS List)		Soil	1248	1248	4°C	11/21/14	11/21/14	50°C			
SVOCs (TCL+10, NJDEP SCC List, NJDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Hex Cr, EPH		Soil	1300	1300	4°C	11/21/14	11/21/14	50°C			
VOCs (TCL+10, NJDEP SCC List, NJDEP SRS List)		Soil	1300	1300	4°C	11/21/14	11/21/14	50°C			
SVOCs (TCL+10, NJDEP SCC List, NJDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Hex Cr, EPH		Soil	1305	1305	4°C	11/21/14	11/21/14	50°C			
VOCs (TCL+10, NJDEP SCC List, NJDEP SRS List)		Soil	1330	1330	4°C	11/21/14	11/21/14	50°C			
SVOCs (TCL+10, NJDEP SCC List, NJDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Hex Cr, EPH		Soil	1335	1335	4°C	11/21/14	11/21/14	50°C			
VOCs (TCL+10, NJDEP SCC List, NJDEP SRS List)		Soil	1337	1337	4°C	11/21/14	11/21/14	50°C			



Technical Report

prepared for:

Environmental Business Consultants

1808 Middle Country Rd.

Ridge NY, 11961

Attention: Charles Sosik

Report Date: 12/03/2014

Client Project ID: Grid Section B2 25 Kent Avenue, Brooklyn, NY

York Project (SDG) No.: 14K0839

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 12/03/2014
Client Project ID: Grid Section B2 25 Kent Avenue, Brooklyn, NY
York Project (SDG) No.: 14K0839

Environmental Business Consultants
1808 Middle Country Rd.
Ridge NY, 11961
Attention: Charles Sosik

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 21, 2014 and listed below. The project was identified as your project: **Grid Section B2 25 Kent Avenue, Brooklyn, NY.**

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0839-01	B2 Comp (0-3)	Soil	11/20/2014	11/21/2014
14K0839-02	B2 Grab (0-3)	Soil	11/20/2014	11/21/2014
14K0839-03	B2 Comp (3-6)	Soil	11/20/2014	11/21/2014
14K0839-04	B2 Grab (3-6)	Soil	11/20/2014	11/21/2014
14K0839-05	B2 Comp (6-9)	Soil	11/20/2014	11/21/2014
14K0839-06	B2 Grab (6-9)	Soil	11/20/2014	11/21/2014
14K0839-07	B2 Comp (9-12)	Soil	11/20/2014	11/21/2014
14K0839-08	B2 Grab (9-12)	Soil	11/20/2014	11/21/2014
14K0839-09	B2 Comp (12-15)	Soil	11/20/2014	11/21/2014
14K0839-10	B2 Grab (12-15)	Soil	11/20/2014	11/21/2014

General Notes for York Project (SDG) No.: 14K0839

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/03/2014





Sample Information

Client Sample ID: B2 Comp (0-3)

York Sample ID: 14K0839-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:00 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	276		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
208-96-8	Acenaphthylene	202	J	ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
98-86-2	Acetophenone	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
120-12-7	Anthracene	905		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
1912-24-9	Atrazine	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
92-87-5	Benzidine	ND		ug/kg dry	473	947	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
56-55-3	Benzo(a)anthracene	1310	CCV-E	ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
50-32-8	Benzo(a)pyrene	1060		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
205-99-2	Benzo(b)fluoranthene	1290		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
191-24-2	Benzo(g,h,i)perylene	559		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
65-85-0	Benzoic acid	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
207-08-9	Benzo(k)fluoranthene	952		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
105-60-2	Caprolactam	ND		ug/kg dry	236	472	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
86-74-8	Carbazole	142	J	ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
218-01-9	Chrysene	1390		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
53-70-3	Dibenzo(a,h)anthracene	304		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
132-64-9	Dibenzofuran	140	J	ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
84-74-2	Di-n-butyl phthalate	255		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	236	472	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH



Sample Information

Client Sample ID: B2 Comp (0-3)

York Sample ID: 14K0839-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:00 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	236	472	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
206-44-0	Fluoranthene	4140		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
86-73-7	Fluorene	342		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
193-39-5	Indeno(1,2,3-cd)pyrene	557		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
78-59-1	Isophorone	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
91-20-3	Naphthalene	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	236	472	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	236	472	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	236	472	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	236	472	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
85-01-8	Phenanthrene	1800		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
108-95-2	Phenol	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
129-00-0	Pyrene	2760		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	118	236	5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	96.6 %	10-99								
4165-62-2	Surrogate: Phenol-d5	108 %	10-108								
4165-60-0	Surrogate: Nitrobenzene-d5	95.0 %	10-119								



Sample Information

Client Sample ID: B2 Comp (0-3)

York Sample ID: 14K0839-01

York Project (SDG) No.

14K0839

Client Project ID

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 2:00 pm

Date Received

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: 2-Fluorobiphenyl	106 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	117 %	S-08		10-106						
1718-51-0	Surrogate: Terphenyl-d14	97.8 %			10-123						

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	Unkown Heptadecane	1130	JN	ug/kg dry			5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
	Unkown Hexadecane	1510	JN	ug/kg dry			5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
NA	Unkown Hydrocarbon #1	1700	JN	ug/kg dry			5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
NA	Unkown Hydrocarbon #2	1130	JN	ug/kg dry			5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
	Unkown Hydrocarbon #3	1320	JN	ug/kg dry			5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
NA	Unkown Pentadecane	1510	JN	ug/kg dry			5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
	Unkown Pentadecane #2	945	JN	ug/kg dry			5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
NA	Unkown Tridecane	2080	JN	ug/kg dry			5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH
	Unkown Tridecane #2	1700	JN	ug/kg dry			5	EPA 8270D	12/01/2014 06:09	12/01/2014 18:35	KH

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.48	7.48	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
72-20-8	Endrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW



Sample Information

Client Sample ID: B2 Comp (0-3)

York Sample ID: 14K0839-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:00 pm

11/21/2014

Pesticides, NJDEP/TCL/Part 375 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
76-44-8	Heptachlor	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.35	9.35	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
8001-35-2	Toxaphene	ND		ug/kg dry	94.7	94.7	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:42	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	46.1 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	40.1 %		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	0.0189	0.0189	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:02	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:02	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:02	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:02	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:02	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:02	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:02	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:02	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	33.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	36.5 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		474		mg/kg dry	56.7	56.7	1	NJDEP EPH Rev 3.0	11/25/2014 16:00	11/26/2014 17:41	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	72.3 %		40-140							
84-15-1	Surrogate: o-Terphenyl	72.4 %		40-140							

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	5210		mg/kg dry	1.13	1.13	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW
7440-36-0	Antimony	3.74		mg/kg dry	0.567	0.567	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW



Sample Information

Client Sample ID: B2 Comp (0-3)

York Sample ID: 14K0839-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:00 pm

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
						LOQ					
7440-38-2	Arsenic	19.4		mg/kg dry	1.13	1.13	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW
7440-39-3	Barium	274		mg/kg dry	1.13	1.13	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW
7440-43-9	Cadmium	2.48		mg/kg dry	0.340	0.340	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW
7440-70-2	Calcium	8780		mg/kg dry	0.567	5.67	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW
7440-47-3	Chromium	21.3		mg/kg dry	0.567	0.567	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW
7440-48-4	Cobalt	8.65		mg/kg dry	0.567	0.567	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW
7440-50-8	Copper	148		mg/kg dry	0.567	0.567	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW
7439-89-6	Iron	39200		mg/kg dry	2.27	2.27	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW
7439-92-1	Lead	833		mg/kg dry	0.340	0.340	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW
7439-95-4	Magnesium	3680		mg/kg dry	5.67	5.67	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW
7439-96-5	Manganese	381		mg/kg dry	0.567	0.567	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW
7440-02-0	Nickel	19.8		mg/kg dry	0.567	0.567	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW
7440-09-7	Potassium	1370		mg/kg dry	5.67	5.67	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW
7782-49-2	Selenium	6.03		mg/kg dry	1.13	1.13	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW
7440-22-4	Silver	ND		mg/kg dry	0.567	0.567	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW
7440-23-5	Sodium	155		mg/kg dry	11.3	11.3	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW
7440-62-2	Vanadium	49.1		mg/kg dry	1.13	1.13	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW
7440-66-6	Zinc	695		mg/kg dry	1.13	1.13	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:23	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
						LOQ					
7440-38-2	Arsenic	0.005		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:44	MW
7440-39-3	Barium	0.942		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:44	MW
7440-43-9	Cadmium	0.006		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:44	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:44	MW
7439-92-1	Lead	3.34		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:44	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:44	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:44	MW



Sample Information

Client Sample ID: B2 Comp (0-3)

York Sample ID: 14K0839-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:00 pm

11/21/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.341		mg/kg dry	0.0340	0.0340	1	EPA 7473	11/25/2014 06:59	11/25/2014 12:44	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 13:01	11/26/2014 06:10	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:09	11/26/2014 17:20	AA

Paint Filter Test

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
	* Paint Filter Test	No Free Liquid		-	0	0	1	EPA 9095A	12/01/2014 12:48	12/01/2014 13:07	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.2		%	0.100	0.100	1	SM 2540G	12/01/2014 11:40	12/01/2014 17:21	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	0.397	0.567	1	EPA 7196A	12/02/2014 07:40	12/02/2014 14:51	SC

Corrosivity

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
	pH	8.44	HT-pH	pH units		0.500	1	EPA 9045D	12/01/2014 14:24	12/02/2014 15:56	SCA

Reactivity-Cyanide

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: B2 Comp (0-3)

York Sample ID: 14K0839-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:00 pm

11/21/2014

Reactivity-Cyanide

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
* Reactivity - Cyanide		ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/03/2014 13:32	12/03/2014 15:58	AD

Reactivity-Sulfide

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
* Reactivity - Sulfide		ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/03/2014 13:33	12/03/2014 16:10	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: B2 Grab (0-3)

York Sample ID: 14K0839-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:20 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
95-63-6	1,2,4-Trimethylbenzene	10	J	ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS



Sample Information

Client Sample ID: B2 Grab (0-3)

York Sample ID: 14K0839-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:20 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	110	220	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
110-82-7	Cyclohexane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
78-93-3	2-Butanone	23	CCV-E	ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
591-78-6	2-Hexanone	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
67-64-1	Acetone	94	Cal-E, CCV-E , ICV-E	ug/kg dry	11	22	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
107-02-8	Acrolein	ND		ug/kg dry	11	22	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
71-43-2	Benzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
75-25-2	Bromoform	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
74-83-9	Bromomethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
67-66-3	Chloroform	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
74-87-3	Chloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
74-95-3	Dibromomethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
79-20-9	Methyl acetate	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
75-09-2	Methylene chloride	ND		ug/kg dry	11	22	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	22	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS



Sample Information

Client Sample ID: B2 Grab (0-3)

York Sample ID: 14K0839-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:20 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
135-98-8	sec-Butylbenzene	6.0	J	ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
100-42-5	Styrene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
108-88-3	Toluene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	17	34	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.6 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	119 %	76-130								
2037-26-5	Surrogate: Toluene-d8	107 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
NA	(methyl butenyl) Benzene isomer	31	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
527-53-7	1,2,4,5-Tetramethylbenzene	15	JN	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
NA	diethyl methyl benzene isomer	62	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
NA	dimethyl Cyclohexane isomers	62	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
NA	dimethyl Undecane isomer	31	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
NA	ethyl methyl cyclohexane isomer	30	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
NA	ethyl methyl heptane isomer	27	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
NA	Hexamethyl cyclotrisiloxane isomer	27	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
NA	methyl (propenyl) benzene isomer	47	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
NA	methyl nonene isomer	45	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
NA	methyl tridecane isomer	38	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
NA	tetrahydro methyl naphthalene isomer	29	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS
NA	Trimethyl cyclohexane isomer	39	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:38	SS



Sample Information

Client Sample ID: B2 Grab (0-3)

York Sample ID: 14K0839-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:20 pm

11/21/2014

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.0		%	0.100	0.100	1	SM 2540G	12/01/2014 11:40	12/01/2014 17:21	SCA

Sample Information

Client Sample ID: B2 Comp (3-6)

York Sample ID: 14K0839-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:25 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	110		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
98-86-2	Acetophenone	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
120-12-7	Anthracene	157		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
1912-24-9	Atrazine	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
92-87-5	Benzidine	ND		ug/kg dry	190	379	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
56-55-3	Benzo(a)anthracene	254		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
50-32-8	Benzo(a)pyrene	92.3	J	ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
205-99-2	Benzo(b)fluoranthene	101		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
65-85-0	Benzoic acid	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
207-08-9	Benzo(k)fluoranthene	76.4	J	ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
105-60-2	Caprolactam	ND		ug/kg dry	94.7	189	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
86-74-8	Carbazole	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR



Sample Information

Client Sample ID: B2 Comp (3-6)

York Sample ID: 14K0839-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:25 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
218-01-9	Chrysene	374		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	94.7	189	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	94.7	189	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
206-44-0	Fluoranthene	306		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
86-73-7	Fluorene	116		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
78-59-1	Isophorone	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
91-57-6	2-Methylnaphthalene	285		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
91-20-3	Naphthalene	88.5	J	ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.7	189	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	94.7	189	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.7	189	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	94.7	189	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR



Sample Information

Client Sample ID: B2 Comp (3-6)

York Sample ID: 14K0839-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:25 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
85-01-8	Phenanthrene	487		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
108-95-2	Phenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
129-00-0	Pyrene	324		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	34.6 %				10-99					
4165-62-2	Surrogate: Phenol-d5	36.6 %				10-108					
4165-60-0	Surrogate: Nitrobenzene-d5	46.4 %				10-119					
321-60-8	Surrogate: 2-Fluorobiphenyl	43.4 %				10-114					
118-79-6	Surrogate: 2,4,6-Tribromophenol	22.2 %				10-106					
1718-51-0	Surrogate: Terphenyl-d14	32.2 %				10-123					

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	hexyl Cyclohexane isomer	3180	JN	ug/kg dry			2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
NA	methyl tridecane isomer	3780	JN	ug/kg dry			2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
NA	pentadecane isomer	3030	JN	ug/kg dry			2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
NA	pently Cyclohexane isomer	2880	JN	ug/kg dry			2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR
NA	Tetramethyl Benzene isomer	3410	JN	ug/kg dry			2	EPA 8270D	11/26/2014 14:38	12/01/2014 09:39	SR

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.49	7.49	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW



Sample Information

Client Sample ID: B2 Comp (3-6)

York Sample ID: 14K0839-03

York Project (SDG) No.

14K0839

Client Project ID

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 2:25 pm

Date Received

11/21/2014

Pesticides, NJDEP/TCL/Part 375 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	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
72-20-8	Endrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	1.87	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.37	9.37	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
8001-35-2	Toxaphene	ND		ug/kg dry	94.8	94.8	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:58	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	51.6 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	66.4 %		30-140							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:21	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:21	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:21	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:21	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:21	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:21	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:21	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:21	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	78.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	74.0 %		30-140							



Sample Information

Client Sample ID: B2 Comp (3-6)

York Sample ID: 14K0839-03

York Project (SDG) No.

14K0839

Client Project ID

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 2:25 pm

Date Received

11/21/2014

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	9370		mg/kg dry	56.8	56.8	1	NJDEP EPH Rev 3.0	11/25/2014 16:00	11/26/2014 18:10	JW
	Surrogate Recoveries	Result			Acceptance Range						
3386-33-2	Surrogate: 1-Chlorooctadecane	65.0 %			40-140						
84-15-1	Surrogate: o-Terphenyl	84.6 %			40-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3500B

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	7020		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7440-36-0	Antimony	0.883		mg/kg dry	0.568	0.568	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7440-38-2	Arsenic	13.4		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7440-39-3	Barium	47.4		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.341	0.341	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7440-70-2	Calcium	2860		mg/kg dry	0.568	5.68	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7440-47-3	Chromium	14.3		mg/kg dry	0.568	0.568	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7440-48-4	Cobalt	8.48		mg/kg dry	0.568	0.568	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7440-50-8	Copper	33.1		mg/kg dry	0.568	0.568	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7439-89-6	Iron	24500		mg/kg dry	2.27	2.27	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7439-92-1	Lead	49.1		mg/kg dry	0.341	0.341	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7439-95-4	Magnesium	2300		mg/kg dry	5.68	5.68	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7439-96-5	Manganese	529		mg/kg dry	0.568	0.568	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7440-02-0	Nickel	11.5		mg/kg dry	0.568	0.568	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7440-09-7	Potassium	1150		mg/kg dry	5.68	5.68	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7782-49-2	Selenium	3.65		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7440-22-4	Silver	ND		mg/kg dry	0.568	0.568	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7440-23-5	Sodium	80.7		mg/kg dry	11.4	11.4	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7440-62-2	Vanadium	21.7		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW
7440-66-6	Zinc	54.9		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:28	MW

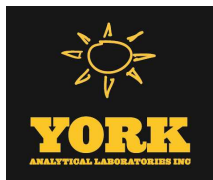
Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:50	MW
7440-39-3	Barium	0.457		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:50	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:50	MW



Sample Information

Client Sample ID: B2 Comp (3-6)

York Sample ID: 14K0839-03

York Project (SDG) No.

14K0839

Client Project ID

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 2:25 pm

Date Received

11/21/2014

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:50	MW
7439-92-1	Lead	0.071		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:50	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:50	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:50	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.145		mg/kg dry	0.0341	0.0341	1	EPA 7473	11/25/2014 06:59	11/25/2014 12:53	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 13:01	11/26/2014 06:10	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:09	11/26/2014 17:20	AA

Paint Filter Test

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
	* Paint Filter Test	No Free Liquid		-	0	0	1	EPA 9095A	12/01/2014 12:48	12/01/2014 13:07	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.1		%	0.100	0.100	1	SM 2540G	12/01/2014 11:40	12/01/2014 17:21	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	0.397	0.568	1	EPA 7196A	12/02/2014 07:40	12/02/2014 14:51	SC

Corrosivity

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: B2 Comp (3-6)

York Sample ID: 14K0839-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:25 pm

11/21/2014

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
	pH	7.49	HT-pH	pH units		0.500	1	EPA 9045D	12/01/2014 14:24	12/02/2014 15:56	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/03/2014 13:32	12/03/2014 15:58	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/03/2014 13:33	12/03/2014 16:10	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: B2 Grab (3-6)

York Sample ID: 14K0839-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:30 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
95-63-6	1,2,4-Trimethylbenzene	84000		ug/kg dry	3000	6100	1000	EPA 8260C	12/01/2014 16:49	12/02/2014 12:10	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK



Sample Information

Client Sample ID: B2 Grab (3-6)

York Sample ID: 14K0839-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:30 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
108-67-8	1,3,5-Trimethylbenzene	21000		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	12000	24000	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
110-82-7	Cyclohexane	5500		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
78-93-3	2-Butanone	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
591-78-6	2-Hexanone	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
67-64-1	Acetone	1200	Cal-E, CCV-E, , ICV-E, J	ug/kg dry	610	1200	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
107-02-8	Acrolein	ND		ug/kg dry	610	1200	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
71-43-2	Benzene	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
75-25-2	Bromoform	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
74-83-9	Bromomethane	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
75-00-3	Chloroethane	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
67-66-3	Chloroform	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
74-87-3	Chloromethane	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
74-95-3	Dibromomethane	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
100-41-4	Ethyl Benzene	860		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
108-87-2	Methylcyclohexane	29000		ug/kg dry	3000	6100	1000	EPA 8260C	12/01/2014 16:49	12/02/2014 12:10	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
98-82-8	Isopropylbenzene	6600		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
79-20-9	Methyl acetate	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
75-09-2	Methylene chloride	ND		ug/kg dry	610	1200	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK



Sample Information

Client Sample ID: B2 Grab (3-6)

York Sample ID: 14K0839-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:30 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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	17000		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
103-65-1	n-Propylbenzene	12000		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
95-47-6	o-Xylene	4400		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
179601-23-1	p- & m- Xylenes	12000		ug/kg dry	610	1200	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
99-87-6	p-Isopropyltoluene	4200		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
100-42-5	Styrene	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
108-88-3	Toluene	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	300	610	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
1330-20-7	Xylenes, Total	17000		ug/kg dry	910	1800	100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	92.5 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	76.0 %	76-130								
2037-26-5	Surrogate: Toluene-d8	101 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
527-53-7	1,2,4,5-Tetramethylbenzene	53000	JN	ug/kg dry			100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
NA	alkylbenzene isomer	20000	J	ug/kg dry			100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
NA	alkylcyclohexane isomers	370000	J	ug/kg dry			100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
NA	alkylindene isomer	41000	J	ug/kg dry			100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
NA	Methyldodecane isomer	16000	J	ug/kg dry			100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
NA	Methylheptane isomer	20000	J	ug/kg dry			100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
NA	methylOctane isomer	36000	J	ug/kg dry			100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK
NA	Nonene isomer	20000	J	ug/kg dry			100	EPA 8260C	12/01/2014 16:49	12/02/2014 03:44	BK



Sample Information

Client Sample ID: B2 Grab (3-6)

York Sample ID: 14K0839-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:30 pm

11/21/2014

Total Solids

Log-in Notes: VOA-CONT

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	82.0		%	0.100	0.100	1	SM 2540G	12/01/2014 11:40	12/01/2014 17:21	SCA

Sample Information

Client Sample ID: B2 Comp (6-9)

York Sample ID: 14K0839-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:35 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	1510		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
98-86-2	Acetophenone	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
120-12-7	Anthracene	2580		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
1912-24-9	Atrazine	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
92-87-5	Benzidine	ND		ug/kg dry	980	1960	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
56-55-3	Benzo(a)anthracene	2860		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
50-32-8	Benzo(a)pyrene	1850		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
205-99-2	Benzo(b)fluoranthene	1780		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
191-24-2	Benzo(g,h,i)perylene	857		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
65-85-0	Benzoic acid	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
207-08-9	Benzo(k)fluoranthene	1830		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
105-60-2	Caprolactam	ND		ug/kg dry	489	977	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
86-74-8	Carbazole	1250		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR



Sample Information

Client Sample ID: B2 Comp (6-9)

York Sample ID: 14K0839-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:35 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
218-01-9	Chrysene	2480		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
53-70-3	Dibenzo(a,h)anthracene	493		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
132-64-9	Dibenzofuran	1320		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	489	977	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	489	977	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
206-44-0	Fluoranthene	6560		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
86-73-7	Fluorene	2120		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
193-39-5	Indeno(1,2,3-cd)pyrene	868		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
78-59-1	Isophorone	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
91-57-6	2-Methylnaphthalene	8330		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
91-20-3	Naphthalene	2410		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	489	977	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	489	977	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	489	977	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	489	977	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR



Sample Information

Client Sample ID: B2 Comp (6-9)

York Sample ID: 14K0839-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:35 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
85-01-8	Phenanthrene	9200		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
108-95-2	Phenol	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
129-00-0	Pyrene	5400		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	245	489	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	59.6 %				10-99					
4165-62-2	Surrogate: Phenol-d5	70.6 %				10-108					
4165-60-0	Surrogate: Nitrobenzene-d5	105 %				10-119					
321-60-8	Surrogate: 2-Fluorobiphenyl	91.0 %				10-114					
118-79-6	Surrogate: 2,4,6-Tribromophenol	39.8 %				10-106					
1718-51-0	Surrogate: Terphenyl-d14	84.0 %				10-123					

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	butyl Cyclohexane isomer	30100	JN	ug/kg dry			10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR
NA	Hexadecane isomer	19200	JN	ug/kg dry			10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:11	SR

Pesticides, NJDEP/TCL/Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.74	7.74	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW



Sample Information

Client Sample ID: B2 Comp (6-9)

York Sample ID: 14K0839-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:35 pm

11/21/2014

Pesticides, NJDEP/TCL/Part 375 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
60-57-1	Dieldrin	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
72-20-8	Endrin	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.94	1.94	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.68	9.68	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
8001-35-2	Toxaphene	ND		ug/kg dry	98.0	98.0	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:14	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	61.6 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	57.9 %		30-140							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:41	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:41	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:41	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:41	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:41	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:41	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:41	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 12:41	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	58.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	74.5 %		30-140							



Sample Information

Client Sample ID: B2 Comp (6-9)

York Sample ID: 14K0839-05

York Project (SDG) No.

14K0839

Client Project ID

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 2:35 pm

Date Received

11/21/2014

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		9800		mg/kg dry	2930	2930	50	NJDEP EPH Rev 3.0	11/25/2014 16:00	12/02/2014 09:02	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	%	S-01	40-140							
84-15-1	Surrogate: o-Terphenyl	%	S-01	40-140							

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	6380		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7440-36-0	Antimony	2.65		mg/kg dry	0.587	0.587	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7440-38-2	Arsenic	25.4		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7440-39-3	Barium	273		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.117	0.117	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.352	0.352	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7440-70-2	Calcium	2460		mg/kg dry	0.587	5.87	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7440-47-3	Chromium	16.5		mg/kg dry	0.587	0.587	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7440-48-4	Cobalt	7.56		mg/kg dry	0.587	0.587	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7440-50-8	Copper	33.6		mg/kg dry	0.587	0.587	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7439-89-6	Iron	24200		mg/kg dry	2.35	2.35	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7439-92-1	Lead	81.3		mg/kg dry	0.352	0.352	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7439-95-4	Magnesium	2490		mg/kg dry	5.87	5.87	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7439-96-5	Manganese	393		mg/kg dry	0.587	0.587	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7440-02-0	Nickel	11.5		mg/kg dry	0.587	0.587	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7440-09-7	Potassium	1050		mg/kg dry	5.87	5.87	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7782-49-2	Selenium	3.74		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7440-22-4	Silver	ND		mg/kg dry	0.587	0.587	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7440-23-5	Sodium	89.1		mg/kg dry	11.7	11.7	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7440-28-0	Thallium	ND		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7440-62-2	Vanadium	29.5		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW
7440-66-6	Zinc	59.6		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:33	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	0.005		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:55	MW
7440-39-3	Barium	0.497		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:55	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:55	MW



Sample Information

Client Sample ID: B2 Comp (6-9)

York Sample ID: 14K0839-05

York Project (SDG) No.

14K0839

Client Project ID

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 2:35 pm

Date Received

11/21/2014

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:55	MW
7439-92-1	Lead	0.066		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:55	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:55	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:55	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0986		mg/kg dry	0.0352	0.0352	1	EPA 7473	11/25/2014 06:59	11/25/2014 13:02	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 13:01	11/26/2014 06:10	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:09	11/26/2014 17:20	AA

Paint Filter Test

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
	* Paint Filter Test	No Free Liquid		-	0	0	1	EPA 9095A	12/01/2014 12:48	12/01/2014 13:07	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.2		%	0.100	0.100	1	SM 2540G	12/01/2014 11:40	12/01/2014 17:21	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	0.411	0.587	1	EPA 7196A	12/02/2014 07:40	12/02/2014 14:51	SC

Corrosivity

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: B2 Comp (6-9)

York Sample ID: 14K0839-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:35 pm

11/21/2014

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
	pH	8.30	HT-pH	pH units		0.500	1	EPA 9045D	12/01/2014 14:24	12/02/2014 15:56	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/03/2014 13:32	12/03/2014 15:58	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	16.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/03/2014 13:33	12/03/2014 16:10	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: B2 Grab (6-9)

York Sample ID: 14K0839-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:37 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
95-63-6	1,2,4-Trimethylbenzene	170000		ug/kg dry	3100	6100	1000	EPA 8260C	11/26/2014 08:15	12/02/2014 04:20	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS



Sample Information

Client Sample ID: B2 Grab (6-9)

York Sample ID: 14K0839-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:37 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
108-67-8	1,3,5-Trimethylbenzene	45000		ug/kg dry	3100	6100	1000	EPA 8260C	11/26/2014 08:15	12/02/2014 04:20	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	6100	12000	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
110-82-7	Cyclohexane	4800		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
78-93-3	2-Butanone	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
591-78-6	2-Hexanone	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
67-64-1	Acetone	ND		ug/kg dry	610	1200	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
107-02-8	Acrolein	ND		ug/kg dry	610	1200	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
71-43-2	Benzene	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
75-25-2	Bromoform	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
74-83-9	Bromomethane	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
75-00-3	Chloroethane	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
67-66-3	Chloroform	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
74-87-3	Chloromethane	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
74-95-3	Dibromomethane	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
100-41-4	Ethyl Benzene	2100		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
108-87-2	Methylcyclohexane	53000		ug/kg dry	3100	6100	1000	EPA 8260C	11/26/2014 08:15	12/02/2014 04:20	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
98-82-8	Isopropylbenzene	11000		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
79-20-9	Methyl acetate	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
75-09-2	Methylene chloride	ND		ug/kg dry	610	1200	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
104-51-8	n-Butylbenzene	15000		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
103-65-1	n-Propylbenzene	20000		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS



Sample Information

Client Sample ID: B2 Grab (6-9)

York Sample ID: 14K0839-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:37 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	8900		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
179601-23-1	p- & m- Xylenes	20000		ug/kg dry	610	1200	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
99-87-6	p-Isopropyltoluene	11000		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
135-98-8	sec-Butylbenzene	13000		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
100-42-5	Styrene	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
98-06-6	tert-Butylbenzene	2200		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
108-88-3	Toluene	320	J	ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	310	610	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
1330-20-7	Xylenes, Total	29000		ug/kg dry	920	1800	100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	48.1 %	S-04	77-125							
460-00-4	Surrogate: p-Bromofluorobenzene	122 %		76-130							
2037-26-5	Surrogate: Toluene-d8	110 %		85-120							

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
527-53-7	1,2,4,5-Tetramethylbenzene	26000	JN	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
108-67-8	1,3,5-Trimethylbenzene	40000	JN	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
110-82-7	Cyclohexane	4800	JN	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
NA	dimethyl Cyclohexane isomer	14000	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
NA	dimethyl heptane isomers	24000	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
NA	dimethyl octane isomers	40000	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
NA	ethyl Cyclohexane isomer	17000	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
NA	ethyl methyl cyclohexane isomers	39000	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
NA	methyl Heptane isomer	12000	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
108-87-2	Methylcyclohexane	38000	JN	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
NA	octahydro indene isomer	20000	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
NA	propyl Cyclohexane isomer	43000	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
NA	tetramethyl hexene isomer	27000	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS
NA	Trimethyl cyclohexane isomer	26000	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 16:36	SS



Sample Information

Client Sample ID: B2 Grab (6-9)

York Sample ID: 14K0839-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:37 pm

11/21/2014

Total Solids

Log-in Notes: VOA-CONT

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	81.7		%	0.100	0.100	1	SM 2540G	12/01/2014 11:40	12/01/2014 17:21	SCA

Sample Information

Client Sample ID: B2 Comp (9-12)

York Sample ID: 14K0839-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:40 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
98-86-2	Acetophenone	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
120-12-7	Anthracene	54.2		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
1912-24-9	Atrazine	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
92-87-5	Benzidine	ND		ug/kg dry	97.7	195	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
56-55-3	Benzo(a)anthracene	33.2	J	ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
65-85-0	Benzoic acid	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
105-60-2	Caprolactam	ND		ug/kg dry	48.8	97.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
86-74-8	Carbazole	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR



Sample Information

Client Sample ID: B2 Comp (9-12)

York Sample ID: 14K0839-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:40 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
218-01-9	Chrysene	37.1	J	ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	48.8	97.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	48.8	97.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
206-44-0	Fluoranthene	67.1		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
86-73-7	Fluorene	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
78-59-1	Isophorone	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
91-57-6	2-Methylnaphthalene	1160		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
91-20-3	Naphthalene	575		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	48.8	97.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	48.8	97.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	48.8	97.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	48.8	97.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR



Sample Information

Client Sample ID: B2 Comp (9-12)

York Sample ID: 14K0839-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:40 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
85-01-8	Phenanthrene	222		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
108-95-2	Phenol	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
129-00-0	Pyrene	79.6		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	24.5	48.8	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	74.5 %		10-99							
4165-62-2	Surrogate: Phenol-d5	73.6 %		10-108							
4165-60-0	Surrogate: Nitrobenzene-d5	74.3 %		10-119							
321-60-8	Surrogate: 2-Fluorobiphenyl	71.2 %		10-114							
118-79-6	Surrogate: 2,4,6-Tribromophenol	49.1 %		10-106							
1718-51-0	Surrogate: Terphenyl-d14	68.2 %		10-123							

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	butyl Cyclohexane isomer	1330	JN	ug/kg dry			1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
NA	methyl Decane isomer	1290	JN	ug/kg dry			1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
111-84-2	Nonane	1010		ug/kg dry			1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR
NA	tirdecane isomer	2030		ug/kg dry			1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:19	SR

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.72	7.72	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW



Sample Information

Client Sample ID: B2 Comp (9-12)

York Sample ID: 14K0839-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:40 pm

11/21/2014

Pesticides, NJDEP/TCL/Part 375 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
72-55-9	4,4'-DDE	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
72-20-8	Endrin	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.66	9.66	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
8001-35-2	Toxaphene	ND		ug/kg dry	97.7	97.7	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:30	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	58.5 %				30-140					
877-09-8	Surrogate: Tetrachloro-m-xylene	21.5 %	GC-Sur r			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	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:00	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:00	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:00	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:00	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:00	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:00	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:00	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:00	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	51.0 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	53.5 %				30-140					



Sample Information

Client Sample ID: B2 Comp (9-12)

York Sample ID: 14K0839-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:40 pm

11/21/2014

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	3270		mg/kg dry	58.5	58.5	1	NJDEP EPH Rev 3.0	11/25/2014 16:00	11/26/2014 19:07	JW
	Surrogate Recoveries	Result			Acceptance Range						
3386-33-2	Surrogate: 1-Chlorooctadecane	71.6 %			40-140						
84-15-1	Surrogate: o-Terphenyl	81.9 %			40-140						

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	6180		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7440-36-0	Antimony	ND		mg/kg dry	0.585	0.585	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7440-38-2	Arsenic	3.08		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7440-39-3	Barium	41.3		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.117	0.117	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.351	0.351	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7440-70-2	Calcium	811		mg/kg dry	0.585	5.85	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7440-47-3	Chromium	13.8		mg/kg dry	0.585	0.585	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7440-48-4	Cobalt	7.35		mg/kg dry	0.585	0.585	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7440-50-8	Copper	15.2		mg/kg dry	0.585	0.585	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7439-89-6	Iron	15000		mg/kg dry	2.34	2.34	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7439-92-1	Lead	8.94		mg/kg dry	0.351	0.351	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7439-95-4	Magnesium	2280		mg/kg dry	5.85	5.85	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7439-96-5	Manganese	236		mg/kg dry	0.585	0.585	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7440-02-0	Nickel	11.2		mg/kg dry	0.585	0.585	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7440-09-7	Potassium	1140		mg/kg dry	5.85	5.85	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7782-49-2	Selenium	1.85		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7440-22-4	Silver	ND		mg/kg dry	0.585	0.585	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7440-23-5	Sodium	73.5		mg/kg dry	11.7	11.7	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7440-28-0	Thallium	ND		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7440-62-2	Vanadium	21.2		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW
7440-66-6	Zinc	31.4		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:37	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:13	MW
7440-39-3	Barium	0.417		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:13	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:13	MW



Sample Information

Client Sample ID: B2 Comp (9-12)

York Sample ID: 14K0839-07

York Project (SDG) No.

14K0839

Client Project ID

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 2:40 pm

Date Received

11/21/2014

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:13	MW
7439-92-1	Lead	0.015		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:13	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:13	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:13	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0351	0.0351	1	EPA 7473	11/25/2014 06:59	11/25/2014 13:11	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 13:01	11/26/2014 06:10	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:09	11/26/2014 17:20	AA

Paint Filter Test

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
	* Paint Filter Test	No Free Liquid		-	0	0	1	EPA 9095A	12/01/2014 12:48	12/01/2014 13:07	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.4		%	0.100	0.100	1	SM 2540G	12/01/2014 11:40	12/01/2014 17:21	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	0.410	0.585	1	EPA 7196A	12/02/2014 07:40	12/02/2014 14:51	SC

Corrosivity

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: B2 Comp (9-12)

York Sample ID: 14K0839-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:40 pm

11/21/2014

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
	pH	7.64	HT-pH	pH units		0.500	1	EPA 9045D	12/01/2014 14:24	12/02/2014 15:56	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/03/2014 13:32	12/03/2014 15:58	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	16.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/03/2014 13:33	12/03/2014 16:10	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: B2 Grab (9-12)

York Sample ID: 14K0839-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:48 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
95-63-6	1,2,4-Trimethylbenzene	40000		ug/kg dry	1400	2900	500	EPA 8260C	11/26/2014 08:15	12/02/2014 04:56	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS



Sample Information

Client Sample ID: B2 Grab (9-12)

York Sample ID: 14K0839-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:48 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
108-67-8	1,3,5-Trimethylbenzene	9500		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	5700	11000	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
110-82-7	Cyclohexane	1800		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
78-93-3	2-Butanone	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
591-78-6	2-Hexanone	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
67-64-1	Acetone	ND		ug/kg dry	570	1100	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
107-02-8	Acrolein	ND		ug/kg dry	570	1100	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
71-43-2	Benzene	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
75-25-2	Bromoform	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
74-83-9	Bromomethane	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
75-00-3	Chloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
67-66-3	Chloroform	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
74-87-3	Chloromethane	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
74-95-3	Dibromomethane	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
100-41-4	Ethyl Benzene	3300		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
108-87-2	Methylcyclohexane	16000		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
98-82-8	Isopropylbenzene	2200		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
79-20-9	Methyl acetate	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
75-09-2	Methylene chloride	ND		ug/kg dry	570	1100	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
104-51-8	n-Butylbenzene	5000		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
103-65-1	n-Propylbenzene	4200		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS



Sample Information

Client Sample ID: B2 Grab (9-12)

York Sample ID: 14K0839-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:48 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	4200		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
179601-23-1	p- & m- Xylenes	11000		ug/kg dry	570	1100	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
99-87-6	p-Isopropyltoluene	4400		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
135-98-8	sec-Butylbenzene	2900		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
100-42-5	Styrene	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
108-88-3	Toluene	300	J	ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	290	570	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
1330-20-7	Xylenes, Total	15000		ug/kg dry	860	1700	100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	41.7 %	S-04	77-125							
460-00-4	Surrogate: p-Bromofluorobenzene	84.4 %		76-130							
2037-26-5	Surrogate: Toluene-d8	103 %		85-120							

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
527-53-7	1,2,4,5-Tetramethylbenzene	12000	JN	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
108-67-8	1,3,5-Trimethylbenzene	9500	JN	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
110-82-7	Cyclohexane	1800	JN	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
NA	dimethyl heptane isomers	47000	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
NA	dimethyl octane isomer	22000	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
NA	ethyl Cyclohexane isomer	7900	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
NA	ethyl methyl cyclohexane isomers	17000	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
NA	ethyl methyl heptane isomer	37000	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
NA	methyl Nonane isomers	52000	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
NA	methyl Octane isomer	23000	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
108-87-2	Methylcyclohexane	16000	JN	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
91-20-3	Naphthalene	6200	JN	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
NA	octahydro indene isomer	10000	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
NA	Octane isomer	17000	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
NA	tetramethyl cyclohexane isomer	19000	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS
NA	Trimethyl cyclohexane isomer	16000	J	ug/kg dry			100	EPA 8260C	11/26/2014 08:15	11/26/2014 17:05	SS



Sample Information

Client Sample ID: B2 Grab (9-12)

York Sample ID: 14K0839-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:48 pm

11/21/2014

Total Solids

Log-in Notes: VOA-CONT

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	12/01/2014 11:40	12/01/2014 17:21	SCA

Sample Information

Client Sample ID: B2 Comp (12-15)

York Sample ID: 14K0839-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:50 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
98-86-2	Acetophenone	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
120-12-7	Anthracene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
1912-24-9	Atrazine	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
92-87-5	Benzidine	ND		ug/kg dry	99.2	198	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
65-85-0	Benzoic acid	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
105-60-2	Caprolactam	ND		ug/kg dry	49.5	99.0	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
86-74-8	Carbazole	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR



Sample Information

Client Sample ID: B2 Comp (12-15)

York Sample ID: 14K0839-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:50 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
218-01-9	Chrysene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	49.5	99.0	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	49.5	99.0	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
206-44-0	Fluoranthene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
86-73-7	Fluorene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
78-59-1	Isophorone	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
91-20-3	Naphthalene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	49.5	99.0	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	49.5	99.0	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	49.5	99.0	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	49.5	99.0	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR



Sample Information

Client Sample ID: B2 Comp (12-15)

York Sample ID: 14K0839-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:50 pm

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
85-01-8	Phenanthrene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
108-95-2	Phenol	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
129-00-0	Pyrene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	24.8	49.5	1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	35.1 %		10-99							
4165-62-2	Surrogate: Phenol-d5	40.8 %		10-108							
4165-60-0	Surrogate: Nitrobenzene-d5	27.7 %		10-119							
321-60-8	Surrogate: 2-Fluorobiphenyl	36.3 %		10-114							
118-79-6	Surrogate: 2,4,6-Tribromophenol	32.5 %		10-106							
1718-51-0	Surrogate: Terphenyl-d14	47.4 %		10-123							

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	decyl Cyclohexane isomer	317	JN	ug/kg dry			1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
NA	methyl Decane isomer	0.00	JN	ug/kg dry			1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR
NA	pentadecane isomer	475	JN	ug/kg dry			1	EPA 8270D	11/26/2014 14:38	11/30/2014 16:51	SR

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	1.96	1.96	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.96	1.96	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.96	1.96	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.96	1.96	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.96	1.96	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.96	1.96	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.96	1.96	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.84	7.84	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.96	1.96	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.96	1.96	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW



Sample Information

Client Sample ID: B2 Comp (12-15)

York Sample ID: 14K0839-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:50 pm

11/21/2014

Pesticides, NJDEP/TCL/Part 375 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
50-29-3	4,4'-DDT	ND		ug/kg dry	1.96	1.96	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.96	1.96	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.96	1.96	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.96	1.96	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.96	1.96	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
72-20-8	Endrin	ND		ug/kg dry	1.96	1.96	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.96	1.96	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.96	1.96	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.96	1.96	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.96	1.96	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.80	9.80	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
8001-35-2	Toxaphene	ND		ug/kg dry	99.2	99.2	5	EPA 8081B	11/25/2014 17:00	12/01/2014 22:46	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	64.7 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	56.8 %		30-140							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0198	0.0198	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:19	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0198	0.0198	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:19	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0198	0.0198	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:19	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0198	0.0198	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:19	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0198	0.0198	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:19	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0198	0.0198	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:19	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0198	0.0198	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:19	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0198	0.0198	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:19	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	62.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	56.0 %		30-140							



Sample Information

Client Sample ID: B2 Comp (12-15)

York Sample ID: 14K0839-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:50 pm

11/21/2014

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		178		mg/kg dry	59.4	59.4	1	NJDEP EPH Rev 3.0	12/01/2014 14:29	12/02/2014 11:23	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	53.8 %		40-140							
84-15-1	Surrogate: o-Terphenyl	55.7 %		40-140							

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	10200		mg/kg dry	1.19	1.19	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7440-36-0	Antimony	ND		mg/kg dry	0.594	0.594	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7440-38-2	Arsenic	2.09		mg/kg dry	1.19	1.19	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7440-39-3	Barium	43.2		mg/kg dry	1.19	1.19	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.119	0.119	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.356	0.356	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7440-70-2	Calcium	557		mg/kg dry	0.594	5.94	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7440-47-3	Chromium	17.9		mg/kg dry	0.594	0.594	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7440-48-4	Cobalt	9.25		mg/kg dry	0.594	0.594	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7440-50-8	Copper	15.4		mg/kg dry	0.594	0.594	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7439-89-6	Iron	13800		mg/kg dry	2.38	2.38	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7439-92-1	Lead	8.50		mg/kg dry	0.356	0.356	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7439-95-4	Magnesium	2110		mg/kg dry	5.94	5.94	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7439-96-5	Manganese	92.5		mg/kg dry	0.594	0.594	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7440-02-0	Nickel	15.2		mg/kg dry	0.594	0.594	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7440-09-7	Potassium	1090		mg/kg dry	5.94	5.94	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7782-49-2	Selenium	2.61		mg/kg dry	1.19	1.19	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7440-22-4	Silver	ND		mg/kg dry	0.594	0.594	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7440-23-5	Sodium	199		mg/kg dry	11.9	11.9	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7440-28-0	Thallium	ND		mg/kg dry	1.19	1.19	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7440-62-2	Vanadium	28.2		mg/kg dry	1.19	1.19	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW
7440-66-6	Zinc	36.5		mg/kg dry	1.19	1.19	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:42	MW

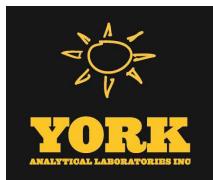
Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:18	MW
7440-39-3	Barium	0.476		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:18	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:18	MW



Sample Information

Client Sample ID: B2 Comp (12-15)

York Sample ID: 14K0839-09

York Project (SDG) No.

14K0839

Client Project ID

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 20, 2014 2:50 pm

Date Received

11/21/2014

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:18	MW
7439-92-1	Lead	0.015		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:18	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:18	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:18	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0356	0.0356	1	EPA 7473	11/25/2014 06:59	11/25/2014 13:20	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 13:01	11/26/2014 06:10	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:09	11/26/2014 17:20	AA

Paint Filter Test

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
	* Paint Filter Test	No Free Liquid		-	0	0	1	EPA 9095A	12/01/2014 12:48	12/01/2014 13:07	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.2		%	0.100	0.100	1	SM 2540G	12/01/2014 11:40	12/01/2014 17:21	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	0.416	0.594	1	EPA 7196A	12/02/2014 07:40	12/02/2014 14:51	SC

Corrosivity

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: B2 Comp (12-15)

York Sample ID: 14K0839-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:50 pm

11/21/2014

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
	pH	7.59	HT-pH	pH units		0.500	1	EPA 9045D	12/01/2014 14:24	12/02/2014 15:56	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/03/2014 13:32	12/03/2014 15:58	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/03/2014 13:33	12/03/2014 16:10	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: B2 Grab (12-15)

York Sample ID: 14K0839-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:58 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
95-63-6	1,2,4-Trimethylbenzene	6.7	J	ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS



Sample Information

Client Sample ID: B2 Grab (12-15)

York Sample ID: 14K0839-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:58 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	120	240	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
110-82-7	Cyclohexane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
78-93-3	2-Butanone	13	CCV-E	ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
591-78-6	2-Hexanone	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
67-64-1	Acetone	69	Cal-E, CCV-E , ICV-E	ug/kg dry	12	24	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
107-02-8	Acrolein	ND		ug/kg dry	12	24	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
71-43-2	Benzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
75-25-2	Bromoform	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
74-83-9	Bromomethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
67-66-3	Chloroform	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
74-87-3	Chloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
74-95-3	Dibromomethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
79-20-9	Methyl acetate	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
75-09-2	Methylene chloride	ND		ug/kg dry	12	24	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS



Sample Information

Client Sample ID: B2 Grab (12-15)

York Sample ID: 14K0839-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:58 pm

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	24	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
100-42-5	Styrene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
75-65-0	tert-Butyl alcohol (TBA)	8.8	J	ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
108-88-3	Toluene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	18	35	1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.3 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	97.8 %	76-130								
2037-26-5	Surrogate: Toluene-d8	108 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
NA	(dimethylethyl) methyl benzene isomer	46	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
527-53-7	1,2,4,5-Tetramethylbenzene	18	JN	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
NA	butyl Cyclohexane isomer	25	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
NA	dimethyl (methylethyl) benzene isomer	25	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
NA	dimethyl dodecane isomer	27	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
NA	dimethyl Undecane isomer	37	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
NA	Methyl (methylethyl) benzene isomer	36	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
NA	methyl Nonane isomer	47	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
NA	methyl Octane isomer	26	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
NA	pentyl Cyclohexane isomer	25	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
NA	propyl Cyclohexane isomer	27	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
NA	tetrahydro methyl naphthalene isomer	36	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS
NA	tetrahydro naphthalenamine isomer	40	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS



Sample Information

Client Sample ID: B2 Grab (12-15)

York Sample ID: 14K0839-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0839

Grid Section B2 25 Kent Avenue, Brooklyn, NY

Soil

November 20, 2014 2:58 pm

11/21/2014

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
NA	Tetramethyl Benzene isomer	25	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 17:34	SS

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.0		%	0.100	0.100	1	SM 2540G	12/01/2014 11:40	12/01/2014 17:21	SCA



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14K0839-02	B2 Grab (0-3)	2 oz. WM Clear Glass Cool to 4° C
14K0839-04	B2 Grab (3-6)	2 oz. WM Clear Glass Cool to 4° C
14K0839-06	B2 Grab (6-9)	2 oz. WM Clear Glass Cool to 4° C
14K0839-08	B2 Grab (9-12)	2 oz. WM Clear Glass Cool to 4° C
14K0839-10	B2 Grab (12-15)	2 oz. WM Clear Glass Cool to 4° C



Notes and Definitions

M-HCSpk	Sample conc. >10 X spike conc.
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20% AND correlation coefficient <0.990 for quadratic fit).
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).
EXT-COMP	Completed
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
IGN-01	Non-Ignit.
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.
JN	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
VOA-CONT	NON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
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.
PF-01	No Free Liquid
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QL-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.
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-08	The recovery of this surrogate was outside of QC limits.
S-D	The surrogates were spiked at twice the normal concentration and recovery is within limits.
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.

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 analysis requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 14K0839

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: EBC		SAME ☒		SAME ☒		Grid Section B2		RUSH-Same Day		Summary Report	X
Address: 1808 Middle Country Rd		Name:		Name:		25 Kent Avenue, Brooklyn, NY		RUSH-Next Day		QA Report	
Ridge, New York 11961		Company:		Company:				RUSH-Two Day		CT RCP	
Phone: 631.504.6000		Address:		Address:		Purchase Order #		RUSH-Three Day		CT RCP DQ/DUE Pkg	
Contact: Charles Sosik								RUSH-Four Day		NY ASP A Package	
E-mail: Csosik@ebcny.com		E-mail:		E-mail:		Samples from CT, NY, X, NJ		Standard (5-7day)	X	NY ASP B Package	
										NJDEP Reduced Deliv	
										Excel	X
										NYSDEC EQUIS	
										NJDEP SRP HazSite	
										EQUIS	
										GIS/KEY (SID)	
										YORK Regulatory Comp Excel	
										compared to:	
										UU, RR SCOS	
										Container Description	

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)
Samuel Chen
Name (Printed)
Samuel Chen

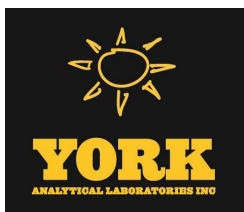
Sample Identification	Date/Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
B2 Comp (0-3)	11-20-14 1400	Soil	SVOCs (TCL+10, NJDEP SCC List, NJDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Paint Filter, Hex Cr, EPH	Two 8oz Soil Jars
B2 Grab (0-3)	1420	Soil	VOCs (TCL+10, NJDEP SCC List, NJDEP SRS List)	4 oz Soil Jar
B2 Comp (3-6)	1425	Soil	SVOCs (TCL+10, NJDEP SCC List, NJDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Hex Cr, EPH	Two 8oz Soil Jars
B2 Grab (3-6)	1430	Soil	VOCs (TCL+10, NJDEP SCC List, NJDEP SRS List)	4 oz Soil Jar
B2 Comp (6-9)	1435	Soil	SVOCs (TCL+10, NJDEP SCC List, NJDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Hex Cr, EPH	Two 8oz Soil Jars
B2 Grab (6-9)	1437	Soil	VOCs (TCL+10, NJDEP SCC List, NJDEP SRS List)	4 oz Soil Jar
B2 Comp (9-12)	1440	Soil	SVOCs (TCL+10, NJDEP SCC List, NJDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Hex Cr, EPH	Two 8oz Soil Jars
B2 Grab (9-12)	1448	Soil	VOCs (TCL+10, NJDEP SCC List, NJDEP SRS List)	4 oz Soil Jar
B2 Comp (12-15)	1450	Soil	SVOCs (TCL+10, NJDEP SCC List, NJDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Hex Cr, EPH	Two 8oz Soil Jars
B2 Grab (12-15)	1458	Soil	VOCs (TCL+10, NJDEP SCC List, NJDEP SRS List)	4 oz Soil Jar

Comments:

Preservation (check all applicable):
 4°C ☐ Frozen ☐ HCl ☐ ZnAc ☐ Ascorbic Acid ☐ Other ☐

Special Instructions:
 Field Filtered ☐
 Lab to Filter ☐

Samples Relinquished By: *Charles Sosik* Date/Time: 11/21/14 1445
 Samples Received By: *Samuel Chen* Date/Time: 11/21/14 1445
 Temperature on Receipt: 52°C



Technical Report

prepared for:

Environmental Business Consultants

1808 Middle Country Rd.

Ridge NY, 11961

Attention: Charles Sosik

Report Date: 12/03/2014

Client Project ID: Grid Section B1 25 Kent Avenue, Brooklyn, NY

York Project (SDG) No.: 14K0838

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 12/03/2014
Client Project ID: Grid Section B1 25 Kent Avenue, Brooklyn, NY
York Project (SDG) No.: 14K0838

Environmental Business Consultants
1808 Middle Country Rd.
Ridge NY, 11961
Attention: Charles Sosik

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 21, 2014 and listed below. The project was identified as your project: **Grid Section B1 25 Kent Avenue, Brooklyn, NY.**

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0838-01	B1 Comp (0-3)	Soil	11/21/2014	11/21/2014
14K0838-02	B1 Grab (0-3)	Soil	11/21/2014	11/21/2014
14K0838-03	B1 Comp (3-6)	Soil	11/21/2014	11/21/2014
14K0838-04	B1 Grab (3-6)	Soil	11/21/2014	11/21/2014
14K0838-05	B1 Comp (6-9)	Soil	11/21/2014	11/21/2014
14K0838-06	B1 Grab (6-9)	Soil	11/21/2014	11/21/2014
14K0838-07	B1 Comp (9-12)	Soil	11/21/2014	11/21/2014
14K0838-08	B1 Grab (9-12)	Soil	11/21/2014	11/21/2014
14K0838-09	B1 Comp (12-15)	Soil	11/21/2014	11/21/2014
14K0838-10	B1 Grab (12-15)	Soil	11/21/2014	11/21/2014

General Notes for York Project (SDG) No.: 14K0838

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/03/2014





Sample Information

Client Sample ID: B1 Comp (0-3)

York Sample ID: 14K0838-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 8:00 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	4810		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
98-86-2	Acetophenone	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
120-12-7	Anthracene	12500		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
1912-24-9	Atrazine	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
92-87-5	Benzidine	ND		ug/kg dry	2380	4770	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
56-55-3	Benzo(a)anthracene	29200	CCV-E	ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
50-32-8	Benzo(a)pyrene	13600		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
205-99-2	Benzo(b)fluoranthene	12100		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
191-24-2	Benzo(g,h,i)perylene	6290		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
65-85-0	Benzoic acid	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
207-08-9	Benzo(k)fluoranthene	13100		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
105-60-2	Caprolactam	ND		ug/kg dry	1190	2380	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
86-74-8	Carbazole	2280		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
218-01-9	Chrysene	20700	CCV-E	ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
53-70-3	Dibenzo(a,h)anthracene	3770		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
132-64-9	Dibenzofuran	2720		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH



Sample Information

Client Sample ID: B1 Comp (0-3)

York Sample ID: 14K0838-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 8:00 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1190	2380	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1190	2380	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
206-44-0	Fluoranthene	55400		ug/kg dry	1190	2380	50	EPA 8270D	11/26/2014 14:38	12/01/2014 19:26	SR
86-73-7	Fluorene	6410		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
193-39-5	Indeno(1,2,3-cd)pyrene	6200		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
78-59-1	Isophorone	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
91-57-6	2-Methylnaphthalene	1090	J	ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
91-20-3	Naphthalene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	1190	2380	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	1190	2380	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	1190	2380	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	1190	2380	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
85-01-8	Phenanthrene	54900		ug/kg dry	1190	2380	50	EPA 8270D	11/26/2014 14:38	12/01/2014 19:26	SR
108-95-2	Phenol	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
129-00-0	Pyrene	53800		ug/kg dry	1190	2380	50	EPA 8270D	11/26/2014 14:38	12/01/2014 19:26	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH



Sample Information

Client Sample ID: B1 Comp (0-3)

York Sample ID: 14K0838-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 8:00 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 12:16	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	106 %	S-08		10-99						
4165-62-2	Surrogate: Phenol-d5	113 %	S-08		10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	209 %	S-08		10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	124 %	S-08		10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	102 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	117 %			10-123						

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	hexyl Cyclohexane isomer	43800	JN	ug/kg dry			50	EPA 8270D	11/26/2014 14:38	12/01/2014 19:26	SR
NA	Trimethyl dodecane isomer	30500	JN	ug/kg dry			50	EPA 8270D	11/26/2014 14:38	12/01/2014 19:26	SR

Pesticides, NJDEP/TCL/Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	1.88	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.88	1.88	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.88	1.88	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.54	7.54	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.88	1.88	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.88	1.88	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.88	1.88	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	1.88	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.88	1.88	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	1.88	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
72-20-8	Endrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	1.88	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	1.88	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW



Sample Information

Client Sample ID: B1 Comp (0-3)

York Sample ID: 14K0838-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 8:00 am

11/21/2014

Pesticides, NJDEP/TCL/Part 375 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
76-44-8	Heptachlor	ND		ug/kg dry	1.88	1.88	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	1.88	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.42	9.42	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
8001-35-2	Toxaphene	ND		ug/kg dry	95.4	95.4	5	EPA 8081B	11/25/2014 17:00	12/01/2014 19:35	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	67.8 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	51.0 %		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	0.0190	0.0190	1	EPA 8082A	11/25/2014 17:00	12/01/2014 10:25	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A	11/25/2014 17:00	12/01/2014 10:25	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A	11/25/2014 17:00	12/01/2014 10:25	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A	11/25/2014 17:00	12/01/2014 10:25	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A	11/25/2014 17:00	12/01/2014 10:25	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A	11/25/2014 17:00	12/01/2014 10:25	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A	11/25/2014 17:00	12/01/2014 10:25	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A	11/25/2014 17:00	12/01/2014 10:25	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	89.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	70.0 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	1880		mg/kg dry	57.1	57.1	1	NJDEP EPH Rev 3.0	11/24/2014 16:21	11/26/2014 11:33	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	77.1 %		40-140							
84-15-1	Surrogate: o-Terphenyl	72.6 %		40-140							

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: B1 Comp (0-3)

York Sample ID: 14K0838-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 8:00 am

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5390		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7440-36-0	Antimony	4.58		mg/kg dry	0.571	0.571	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7440-38-2	Arsenic	20.3		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7440-39-3	Barium	226		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7440-43-9	Cadmium	0.877		mg/kg dry	0.343	0.343	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7440-70-2	Calcium	13800		mg/kg dry	0.571	5.71	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7440-47-3	Chromium	16.4		mg/kg dry	0.571	0.571	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7440-48-4	Cobalt	7.05		mg/kg dry	0.571	0.571	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7440-50-8	Copper	107		mg/kg dry	0.571	0.571	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7439-89-6	Iron	30400		mg/kg dry	2.28	2.28	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7439-92-1	Lead	979		mg/kg dry	0.343	0.343	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7439-95-4	Magnesium	3190		mg/kg dry	5.71	5.71	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7439-96-5	Manganese	224		mg/kg dry	0.571	0.571	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7440-02-0	Nickel	13.8		mg/kg dry	0.571	0.571	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7440-09-7	Potassium	994		mg/kg dry	5.71	5.71	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7782-49-2	Selenium	4.81		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7440-22-4	Silver	ND		mg/kg dry	0.571	0.571	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7440-23-5	Sodium	578		mg/kg dry	11.4	11.4	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7440-62-2	Vanadium	23.5		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW
7440-66-6	Zinc	622		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:38	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:06	MW
7440-39-3	Barium	1.19		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:06	MW
7440-43-9	Cadmium	0.011		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:06	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:06	MW
7439-92-1	Lead	3.17		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:06	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:06	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:06	MW



Sample Information

Client Sample ID: B1 Comp (0-3)

York Sample ID: 14K0838-01

York Project (SDG) No.

14K0838

Client Project ID

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 8:00 am

Date Received

11/21/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.381		mg/kg dry	0.0343	0.0343	1	EPA 7473	11/25/2014 06:59	11/25/2014 11:52	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 13:01	11/26/2014 06:10	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:09	11/26/2014 17:20	AA

Paint Filter Test

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
	* Paint Filter Test	No Free Liquid		-	0	0	1	EPA 9095A	12/01/2014 12:48	12/01/2014 13:07	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.5		%	0.100	0.100	1	SM 2540G	12/01/2014 11:44	12/01/2014 17:27	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.400	0.571	1	EPA 7196A	12/01/2014 10:09	12/01/2014 18:04	KK

Corrosivity

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
	pH	9.19	HT-pH	pH units		0.500	1	EPA 9045D	12/01/2014 14:24	12/02/2014 15:56	SCA

Reactivity-Cyanide

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: B1 Comp (0-3)

York Sample ID: 14K0838-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 8:00 am

11/21/2014

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/03/2014 13:32	12/03/2014 15:58	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	24.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/03/2014 13:33	12/03/2014 16:10	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: B1 Grab (0-3)

York Sample ID: 14K0838-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 8:30 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS



Sample Information

Client Sample ID: B1 Grab (0-3)

York Sample ID: 14K0838-02

York Project (SDG) No.

14K0838

Client Project ID

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 8:30 am

Date Received

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	110	220	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
110-82-7	Cyclohexane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
78-93-3	2-Butanone	13	CCV-E	ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
591-78-6	2-Hexanone	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
67-64-1	Acetone	62	Cal-E, CCV-E, ICV-E	ug/kg dry	11	22	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
107-02-8	Acrolein	ND		ug/kg dry	11	22	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
71-43-2	Benzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
75-25-2	Bromoform	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
74-83-9	Bromomethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
67-66-3	Chloroform	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
74-87-3	Chloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
74-95-3	Dibromomethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
108-87-2	Methylcyclohexane	9.2	J	ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
79-20-9	Methyl acetate	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
75-09-2	Methylene chloride	ND		ug/kg dry	11	22	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS



Sample Information

Client Sample ID: B1 Grab (0-3)

York Sample ID: 14K0838-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 8:30 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	22	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
100-42-5	Styrene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
108-88-3	Toluene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	17	34	1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.4 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	109 %	76-130								
2037-26-5	Surrogate: Toluene-d8	118 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

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
TIC1000	(methyl propenyl) benzene isomer	33	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
NA	Diethyl Benzene isomer	17	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
NA	dihydro dimethyl indene isomer	43	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
NA	dihydro methyl indene isomer	43	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
NA	dimethyl Cyclohexane isomers	30	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
NA	dimethyl Octene isomer	15	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
NA	ethyl dimethyl Cyclohexane isomer	15	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
NA	tetramethyl Benzene isomers	48	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
NA	Trimethyl cyclohexane isomer	25	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS
NA	trimethyl Pentane isomer	16	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 13:13	SS



Sample Information

Client Sample ID: B1 Grab (0-3)

York Sample ID: 14K0838-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 8:30 am

11/21/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.2		%	0.100	0.100	1	SM 2540G	12/01/2014 11:44	12/01/2014 17:27	SCA

Sample Information

Client Sample ID: B1 Comp (3-6)

York Sample ID: 14K0838-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 8:35 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
98-86-2	Acetophenone	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
120-12-7	Anthracene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
1912-24-9	Atrazine	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
92-87-5	Benzidine	ND		ug/kg dry	2070	4140	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
65-85-0	Benzoic acid	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
105-60-2	Caprolactam	ND		ug/kg dry	1030	2060	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
86-74-8	Carbazole	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH



Sample Information

Client Sample ID: B1 Comp (3-6)

York Sample ID: 14K0838-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 8:35 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
218-01-9	Chrysene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1030	2060	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1030	2060	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
206-44-0	Fluoranthene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
86-73-7	Fluorene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
78-59-1	Isophorone	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
91-57-6	2-Methylnaphthalene	20100		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
91-20-3	Naphthalene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	1030	2060	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH



Sample Information

Client Sample ID: B1 Comp (3-6)

York Sample ID: 14K0838-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 8:35 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	1030	2060	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	1030	2060	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	1030	2060	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
85-01-8	Phenanthrene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
108-95-2	Phenol	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
129-00-0	Pyrene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	518	1030	20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	75.2 %				10-99					
4165-62-2	Surrogate: Phenol-d5	69.7 %				10-108					
4165-60-0	Surrogate: Nitrobenzene-d5	480 %	S-06			10-119					
321-60-8	Surrogate: 2-Fluorobiphenyl	93.2 %				10-114					
118-79-6	Surrogate: 2,4,6-Tribromophenol	71.8 %				10-106					
1718-51-0	Surrogate: Terphenyl-d14	79.8 %				10-123					

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	butly Cyclohexane isomer	27200	JN	ug/kg dry			20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
NA	dimethyl Undecane isomer	28100	JN	ug/kg dry			20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
NA	methyl Decane isomer	19800	JN	ug/kg dry			20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH
NA	methyl Nonane isomer	20600	JN	ug/kg dry			20	EPA 8270D	11/26/2014 14:38	12/01/2014 11:30	KH



Sample Information

Client Sample ID: B1 Comp (3-6)

York Sample ID: 14K0838-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 8:35 am

11/21/2014

Pesticides, NJDEP/TCL/Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	2.04	2.04	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.04	2.04	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.04	2.04	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.04	2.04	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.04	2.04	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.04	2.04	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.04	2.04	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.17	8.17	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.04	2.04	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.04	2.04	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.04	2.04	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.04	2.04	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.04	2.04	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.04	2.04	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.04	2.04	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
72-20-8	Endrin	ND		ug/kg dry	2.04	2.04	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.04	2.04	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.04	2.04	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.04	2.04	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.04	2.04	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.2	10.2	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
8001-35-2	Toxaphene	ND		ug/kg dry	103	103	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:07	JW
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	62.1 %	30-140								
877-09-8	Surrogate: Tetrachloro-m-xylene	53.7 %	30-140								



Sample Information

Client Sample ID: B1 Comp (3-6)

York Sample ID: 14K0838-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 8:35 am

11/21/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A	11/25/2014 17:00	12/01/2014 10:45	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A	11/25/2014 17:00	12/01/2014 10:45	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A	11/25/2014 17:00	12/01/2014 10:45	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A	11/25/2014 17:00	12/01/2014 10:45	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A	11/25/2014 17:00	12/01/2014 10:45	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A	11/25/2014 17:00	12/01/2014 10:45	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A	11/25/2014 17:00	12/01/2014 10:45	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A	11/25/2014 17:00	12/01/2014 10:45	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	57.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	61.5 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		6090		mg/kg dry	61.9	61.9	1	NJDEP EPH Rev 3.0	11/24/2014 16:21	11/26/2014 12:02	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	62.6 %		40-140							
84-15-1	Surrogate: o-Terphenyl	74.6 %		40-140							

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	3060		mg/kg dry	1.24	1.24	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW
7440-36-0	Antimony	5.73		mg/kg dry	0.619	0.619	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW
7440-38-2	Arsenic	39.9		mg/kg dry	1.24	1.24	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW
7440-39-3	Barium	54.8		mg/kg dry	1.24	1.24	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.124	0.124	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW
7440-43-9	Cadmium	1.36		mg/kg dry	0.372	0.372	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW
7440-70-2	Calcium	5570		mg/kg dry	0.619	6.19	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW
7440-47-3	Chromium	5.97		mg/kg dry	0.619	0.619	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW
7440-48-4	Cobalt	19.8		mg/kg dry	0.619	0.619	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW
7440-50-8	Copper	106		mg/kg dry	0.619	0.619	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW
7439-89-6	Iron	13800		mg/kg dry	2.48	2.48	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW
7439-92-1	Lead	660		mg/kg dry	0.372	0.372	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW



Sample Information

Client Sample ID: B1 Comp (3-6)

York Sample ID: 14K0838-03

York Project (SDG) No.

14K0838

Client Project ID

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 8:35 am

Date Received

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	713		mg/kg dry	6.19	6.19	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW
7439-96-5	Manganese	98.5		mg/kg dry	0.619	0.619	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW
7440-02-0	Nickel	23.8		mg/kg dry	0.619	0.619	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW
7440-09-7	Potassium	567		mg/kg dry	6.19	6.19	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW
7782-49-2	Selenium	3.32		mg/kg dry	1.24	1.24	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW
7440-22-4	Silver	ND		mg/kg dry	0.619	0.619	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW
7440-23-5	Sodium	170		mg/kg dry	12.4	12.4	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW
7440-28-0	Thallium	5.81		mg/kg dry	1.24	1.24	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW
7440-62-2	Vanadium	15.1		mg/kg dry	1.24	1.24	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW
7440-66-6	Zinc	467		mg/kg dry	1.24	1.24	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:43	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:24	MW
7440-39-3	Barium	0.479		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:24	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:24	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:24	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:24	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:24	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:24	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.456		mg/kg dry	0.0372	0.0372	1	EPA 7473	11/25/2014 06:59	11/25/2014 12:01	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 13:01	11/26/2014 06:10	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:09	11/26/2014 17:20	AA



Sample Information

Client Sample ID: B1 Comp (3-6)

York Sample ID: 14K0838-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 8:35 am

11/21/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	80.7		%	0.100	0.100	1	SM 2540G	12/01/2014 11:44	12/01/2014 17:27	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.434	0.619	1	EPA 7196A	12/01/2014 10:09	12/01/2014 18:04	KK

Corrosivity

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
	pH	8.54	HT-pH	pH units		0.500	1	EPA 9045D	12/01/2014 14:24	12/02/2014 15:56	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/03/2014 13:32	12/03/2014 15:58	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	16.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/03/2014 13:33	12/03/2014 16:10	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: B1 Grab (3-6)

York Sample ID: 14K0838-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 8:37 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: B1 Grab (3-6)

York Sample ID: 14K0838-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 8:37 am

11/21/2014

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	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
95-63-6	1,2,4-Trimethylbenzene	130000		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
108-67-8	1,3,5-Trimethylbenzene	33000		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	63000	130000	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
110-82-7	Cyclohexane	29000		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
78-93-3	2-Butanone	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
591-78-6	2-Hexanone	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
67-64-1	Acetone	ND		ug/kg dry	6300	13000	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
107-02-8	Acrolein	ND		ug/kg dry	6300	13000	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
71-43-2	Benzene	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
75-25-2	Bromoform	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
74-83-9	Bromomethane	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
75-00-3	Chloroethane	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
67-66-3	Chloroform	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
74-87-3	Chloromethane	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS



Sample Information

Client Sample ID: B1 Grab (3-6)

York Sample ID: 14K0838-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 8:37 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
108-87-2	Methylcyclohexane	97000		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
98-82-8	Isopropylbenzene	13000		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
79-20-9	Methyl acetate	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
75-09-2	Methylene chloride	ND		ug/kg dry	6300	13000	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
104-51-8	n-Butylbenzene	22000		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
103-65-1	n-Propylbenzene	25000		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
95-47-6	o-Xylene	4400	J	ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
179601-23-1	p- & m- Xylenes	14000		ug/kg dry	6300	13000	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
135-98-8	sec-Butylbenzene	16000		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
100-42-5	Styrene	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
108-88-3	Toluene	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3100	6300	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
1330-20-7	Xylenes, Total	19000	J	ug/kg dry	9400	19000	1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.4 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	96.0 %	76-130								
2037-26-5	Surrogate: Toluene-d8	99.7 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: B1 Grab (3-6)

York Sample ID: 14K0838-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 8:37 am

11/21/2014

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
527-53-7	1,2,4,5-Tetramethylbenzene	57000	JN	ug/kg dry			1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
108-67-8	1,3,5-Trimethylbenzene	33000	JN	ug/kg dry			1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
110-82-7	Cyclohexane	29000	JN	ug/kg dry			1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
NA	dimethyl Cyclohexane isomer	61000	J	ug/kg dry			1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
NA	dimethyl Heptane isomer	49000	J	ug/kg dry			1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
NA	dimethyl octane isomer	110000	J	ug/kg dry			1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
NA	ethyl Cyclohexane isomer	55000	J	ug/kg dry			1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
NA	ethyl methyl cyclohexane isomers	140000	J	ug/kg dry			1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
NA	Methyl (methylethyl) benzene isomer	69000	J	ug/kg dry			1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
NA	methyl Nonane isomer	51000	J	ug/kg dry			1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
NA	methyl Octane isomer	80000	J	ug/kg dry			1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
NA	methyl propyl cyclopentane isomer	67000	J	ug/kg dry			1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
108-87-2	Methylcyclohexane	97000	JN	ug/kg dry			1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
NA	octahydro pentalene isomer	62000	J	ug/kg dry			1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
NA	propyl Cyclohexane isomer	220000	J	ug/kg dry			1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
NA	tetramethyl cyclohexane isomer	110000	J	ug/kg dry			1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS
NA	trimethyl cyclohexane isomers	230000	J	ug/kg dry			1000	EPA 8260C	11/26/2014 08:15	11/26/2014 13:42	SS

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	79.7		%	0.100	0.100	1	SM 2540G	12/01/2014 11:44	12/01/2014 17:27	SCA

Sample Information

Client Sample ID: B1 Comp (6-9)

York Sample ID: 14K0838-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:00 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
98-86-2	Acetophenone	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
120-12-7	Anthracene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH



Sample Information

Client Sample ID: B1 Comp (6-9)

York Sample ID: 14K0838-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:00 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
92-87-5	Benzidine	ND		ug/kg dry	204	409	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
56-55-3	Benzo(a)anthracene	93.1	J	ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
65-85-0	Benzoic acid	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
105-60-2	Caprolactam	ND		ug/kg dry	102	204	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
86-74-8	Carbazole	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
218-01-9	Chrysene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	102	204	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	102	204	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH



Sample Information

Client Sample ID: B1 Comp (6-9)

York Sample ID: 14K0838-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:00 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
206-44-0	Fluoranthene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
86-73-7	Fluorene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
78-59-1	Isophorone	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
91-57-6	2-Methylnaphthalene	477		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
91-20-3	Naphthalene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	102	204	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	102	204	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	102	204	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	102	204	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
85-01-8	Phenanthrene	126		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
108-95-2	Phenol	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
129-00-0	Pyrene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	51.2	102	2	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	5.81 %	S-06	10-99							
4165-62-2	Surrogate: Phenol-d5	6.62 %	S-06	10-108							
4165-60-0	Surrogate: Nitrobenzene-d5	30.3 %		10-119							



Sample Information

Client Sample ID: B1 Comp (6-9)

York Sample ID: 14K0838-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:00 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: 2-Fluorobiphenyl	10.4 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	10.6 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	9.14 %	S-06		10-123						

Semi-Volatiles, Tentatively Identified Cmpds.

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
124-18-5	Decane	13700	JN	ug/kg dry			5	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
NA	ethyl octane isomer	7140	JN	ug/kg dry			5	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
NA	methyl Dodecane isomer	6330	JN	ug/kg dry			5	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
111-84-2	Nonane	1220	JN	ug/kg dry			5	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
NA	pentyl Cyclohexane isomer	6530	JN	ug/kg dry			5	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
NA	propyl decane isomer	6120	JN	ug/kg dry			5	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
629-50-5	tridecane	16500	JN	ug/kg dry			5	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.08	8.08	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
72-20-8	Endrin	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW



Sample Information

Client Sample ID: B1 Comp (6-9)

York Sample ID: 14K0838-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:00 am

11/21/2014

Pesticides, NJDEP/TCL/Part 375 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
76-44-8	Heptachlor	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.1	10.1	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
8001-35-2	Toxaphene	ND		ug/kg dry	102	102	5	EPA 8081B	11/25/2014 17:00	12/01/2014 20:55	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	78.6 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	61.9 %		30-140							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:04	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:04	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:04	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:04	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:04	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:04	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:04	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:04	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	58.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	65.5 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	29900		mg/kg dry	6120	6120	100	NJDEP EPH Rev 3.0	11/24/2014 16:21	12/01/2014 16:40	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	%	S-01	40-140							
84-15-1	Surrogate: o-Terphenyl	%	S-01	40-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3500B

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: B1 Comp (6-9)

York Sample ID: 14K0838-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:00 am

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8440		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7440-36-0	Antimony	ND		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7440-38-2	Arsenic	19.1		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7440-39-3	Barium	72.5		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.122	0.122	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.367	0.367	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7440-70-2	Calcium	1720		mg/kg dry	0.612	6.12	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7440-47-3	Chromium	26.0		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7440-48-4	Cobalt	11.4		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7440-50-8	Copper	25.6		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7439-89-6	Iron	34600		mg/kg dry	2.45	2.45	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7439-92-1	Lead	36.8		mg/kg dry	0.367	0.367	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7439-95-4	Magnesium	2870		mg/kg dry	6.12	6.12	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7439-96-5	Manganese	278		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7440-02-0	Nickel	10.3		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7440-09-7	Potassium	1600		mg/kg dry	6.12	6.12	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7782-49-2	Selenium	3.92		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7440-22-4	Silver	ND		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7440-23-5	Sodium	157		mg/kg dry	12.2	12.2	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7440-28-0	Thallium	ND		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7440-62-2	Vanadium	48.3		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW
7440-66-6	Zinc	77.7		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 08:57	12/02/2014 11:47	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:29	MW
7440-39-3	Barium	0.554		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:29	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:29	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:29	MW
7439-92-1	Lead	0.036		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:29	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:29	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:29	MW



Sample Information

Client Sample ID: B1 Comp (6-9)

York Sample ID: 14K0838-05

York Project (SDG) No.

14K0838

Client Project ID

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 9:00 am

Date Received

11/21/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.763		mg/kg dry	0.0367	0.0367	1	EPA 7473	11/25/2014 06:59	11/25/2014 12:10	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 13:01	11/26/2014 06:10	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:09	11/26/2014 17:20	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	81.7		%	0.100	0.100	1	SM 2540G	12/01/2014 11:44	12/01/2014 17:27	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.429	0.612	1	EPA 7196A	12/02/2014 07:40	12/02/2014 14:51	SC

Corrosivity

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
	pH	8.59	HT-pH	pH units		0.500	1	EPA 9045D	12/01/2014 14:24	12/02/2014 15:56	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/03/2014 13:32	12/03/2014 15:58	AD

Reactivity-Sulfide

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: B1 Comp (6-9)

York Sample ID: 14K0838-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:00 am

11/21/2014

Reactivity-Sulfide

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
* Reactivity - Sulfide		16.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/03/2014 13:33	12/03/2014 16:10	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: B1 Grab (6-9)

York Sample ID: 14K0838-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:30 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
95-63-6	1,2,4-Trimethylbenzene	1300		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK



Sample Information

Client Sample ID: B1 Grab (6-9)

York Sample ID: 14K0838-06

York Project (SDG) No.

14K0838

Client Project ID

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 9:30 am

Date Received

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg dry	11000	23000	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
110-82-7	Cyclohexane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
78-93-3	2-Butanone	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
591-78-6	2-Hexanone	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
67-64-1	Acetone	ND		ug/kg dry	570	1100	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
107-02-8	Acrolein	ND		ug/kg dry	570	1100	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
71-43-2	Benzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
75-25-2	Bromoform	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
74-83-9	Bromomethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
75-00-3	Chloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
67-66-3	Chloroform	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
74-87-3	Chloromethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
74-95-3	Dibromomethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
108-87-2	Methylcyclohexane	970		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
79-20-9	Methyl acetate	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
75-09-2	Methylene chloride	ND		ug/kg dry	570	1100	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
95-47-6	o-Xylene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	570	1100	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK



Sample Information

Client Sample ID: B1 Grab (6-9)

York Sample ID: 14K0838-06

York Project (SDG) No.

14K0838

Client Project ID

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 9:30 am

Date Received

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
100-42-5	Styrene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	570	1100	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
108-88-3	Toluene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	860	1700	100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.4 %				77-125					
460-00-4	Surrogate: p-Bromofluorobenzene	93.8 %				76-130					
2037-26-5	Surrogate: Toluene-d8	107 %				85-120					

Volatile Organics, Tentatively Identified Cmpds.

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
527-53-7	1,2,4,5-Tetramethylbenzene	1100	JN	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
NA	alkylcyclohexane isomers	10000	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
NA	dimethyloctane isomer	4100	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
NA	Methyldecane isomer	3400	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
NA	methylheptane isomers	4900	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
NA	methylOctane isomer	3800	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK
NA	nonane isomer	4600	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 13:17	BK

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	87.1		%	0.100	0.100	1	SM 2540G	12/01/2014 11:44	12/01/2014 17:27	SCA



Sample Information

Client Sample ID: B1 Comp (9-12)

York Sample ID: 14K0838-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:45 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
98-86-2	Acetophenone	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
120-12-7	Anthracene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
1912-24-9	Atrazine	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
92-87-5	Benzidine	ND		ug/kg dry	961	1920	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
65-85-0	Benzoic acid	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
105-60-2	Caprolactam	ND		ug/kg dry	480	958	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
86-74-8	Carbazole	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
218-01-9	Chrysene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH



Sample Information

Client Sample ID: B1 Comp (9-12)

York Sample ID: 14K0838-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:45 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	480	958	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	480	958	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
206-44-0	Fluoranthene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
86-73-7	Fluorene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
78-59-1	Isophorone	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
91-57-6	2-Methylnaphthalene	610		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
91-20-3	Naphthalene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	480	958	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	480	958	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	480	958	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	480	958	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
85-01-8	Phenanthrene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
108-95-2	Phenol	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
129-00-0	Pyrene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH



Sample Information

Client Sample ID: B1 Comp (9-12)

York Sample ID: 14K0838-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:45 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	240	480	10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	16.7 %		10-99							
4165-62-2	Surrogate: Phenol-d5	22.9 %		10-108							
4165-60-0	Surrogate: Nitrobenzene-d5	36.6 %		10-119							
321-60-8	Surrogate: 2-Fluorobiphenyl	26.0 %		10-114							
118-79-6	Surrogate: 2,4,6-Tribromophenol	22.3 %		10-106							
1718-51-0	Surrogate: Terphenyl-d14	30.1 %		10-123							

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	dimethyl Hepadecane isomer	16500	JN	ug/kg dry			10	EPA 8270D	11/26/2014 14:38	12/01/2014 11:27	KH

Pesticides, NJDEP/TCL/Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	1.90	1.90	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.90	1.90	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.90	1.90	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.90	1.90	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.90	1.90	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.59	7.59	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.90	1.90	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.90	1.90	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.90	1.90	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.90	1.90	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.90	1.90	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.90	1.90	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.90	1.90	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
72-20-8	Endrin	ND		ug/kg dry	1.90	1.90	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.90	1.90	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.90	1.90	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW



Sample Information

Client Sample ID: B1 Comp (9-12)

York Sample ID: 14K0838-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:45 am

11/21/2014

Pesticides, NJDEP/TCL/Part 375 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
76-44-8	Heptachlor	ND		ug/kg dry	1.90	1.90	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.90	1.90	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.49	9.49	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
8001-35-2	Toxaphene	ND		ug/kg dry	96.1	96.1	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:11	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	78.5 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	56.5 %		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	0.0192	0.0192	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:23	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:23	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:23	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:23	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:23	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:23	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:23	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:23	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	49.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	60.0 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	2830		mg/kg dry	57.5	57.5	1	NJDEP EPH Rev 3.0	11/24/2014 16:21	11/26/2014 13:00	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	73.6 %		40-140							
84-15-1	Surrogate: o-Terphenyl	101 %		40-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3500B

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: B1 Comp (9-12)

York Sample ID: 14K0838-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:45 am

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7030		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7440-36-0	Antimony	ND		mg/kg dry	0.575	0.575	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7440-38-2	Arsenic	3.41		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7440-39-3	Barium	48.6		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.115	0.115	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.345	0.345	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7440-70-2	Calcium	1200		mg/kg dry	0.575	5.75	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7440-47-3	Chromium	15.1		mg/kg dry	0.575	0.575	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7440-48-4	Cobalt	8.57		mg/kg dry	0.575	0.575	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7440-50-8	Copper	17.0		mg/kg dry	0.575	0.575	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7439-89-6	Iron	19100		mg/kg dry	2.30	2.30	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7439-92-1	Lead	19.7		mg/kg dry	0.345	0.345	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7439-95-4	Magnesium	2340		mg/kg dry	5.75	5.75	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7439-96-5	Manganese	457		mg/kg dry	0.575	0.575	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7440-02-0	Nickel	10.9		mg/kg dry	0.575	0.575	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7440-09-7	Potassium	1350		mg/kg dry	5.75	5.75	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7782-49-2	Selenium	3.04		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7440-22-4	Silver	ND		mg/kg dry	0.575	0.575	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7440-23-5	Sodium	256		mg/kg dry	11.5	11.5	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7440-28-0	Thallium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7440-62-2	Vanadium	25.5		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW
7440-66-6	Zinc	53.5		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:05	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:34	MW
7440-39-3	Barium	0.477		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:34	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:34	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:34	MW
7439-92-1	Lead	0.046		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:34	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:34	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:34	MW



Sample Information

Client Sample ID: B1 Comp (9-12)

York Sample ID: 14K0838-07

York Project (SDG) No.

14K0838

Client Project ID

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 9:45 am

Date Received

11/21/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0403		mg/kg dry	0.0345	0.0345	1	EPA 7473	11/25/2014 06:59	11/25/2014 12:26	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 13:01	11/26/2014 06:10	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:09	11/26/2014 17:20	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.9		%	0.100	0.100	1	SM 2540G	12/01/2014 11:44	12/01/2014 17:27	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.403	0.575	1	EPA 7196A	12/02/2014 07:40	12/02/2014 14:51	SC

Corrosivity

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
	pH	7.99	HT-pH	pH units		0.500	1	EPA 9045D	12/01/2014 14:24	12/02/2014 15:56	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/03/2014 13:32	12/03/2014 15:58	AD

Reactivity-Sulfide

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: B1 Comp (9-12)

York Sample ID: 14K0838-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:45 am

11/21/2014

Reactivity-Sulfide

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
* Reactivity - Sulfide		16.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/03/2014 13:33	12/03/2014 16:10	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: B1 Grab (9-12)

York Sample ID: 14K0838-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:00 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
95-63-6	1,2,4-Trimethylbenzene	780	E	ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
108-67-8	1,3,5-Trimethylbenzene	260		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS



Sample Information

Client Sample ID: B1 Grab (9-12)

York Sample ID: 14K0838-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:00 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg dry	110	230	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
110-82-7	Cyclohexane	63		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
78-93-3	2-Butanone	16		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
591-78-6	2-Hexanone	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
67-64-1	Acetone	59	Cal-E, CCV-E, ICV-E	ug/kg dry	11	23	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
107-02-8	Acrolein	ND		ug/kg dry	11	23	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
71-43-2	Benzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
75-25-2	Bromoform	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
74-83-9	Bromomethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
67-66-3	Chloroform	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
74-87-3	Chloromethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
74-95-3	Dibromomethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
100-41-4	Ethyl Benzene	9.7	J	ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
108-87-2	Methylcyclohexane	490	E	ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
98-82-8	Isopropylbenzene	88		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
79-20-9	Methyl acetate	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
75-09-2	Methylene chloride	ND		ug/kg dry	11	23	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
103-65-1	n-Propylbenzene	160		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
95-47-6	o-Xylene	61		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
179601-23-1	p- & m- Xylenes	110		ug/kg dry	11	23	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS



Sample Information

Client Sample ID: B1 Grab (9-12)

York Sample ID: 14K0838-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:00 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	110		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
135-98-8	sec-Butylbenzene	96		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
100-42-5	Styrene	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
108-88-3	Toluene	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
1330-20-7	Xylenes, Total	170		ug/kg dry	17	34	1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	74.3 %	S-04					77-125			
460-00-4	Surrogate: p-Bromofluorobenzene	97.7 %						76-130			
2037-26-5	Surrogate: Toluene-d8	113 %						85-120			

Volatile Organics, Tentatively Identified Cmpds.

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
527-53-7	1,2,4,5-Tetramethylbenzene	400	JN	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
108-67-8	1,3,5-Trimethylbenzene	260	JN	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
NA	bicyclo nonane isomer	190	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
110-82-7	Cyclohexane	63	JN	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
NA	dimethyl Cyclohexane isomer	150	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
NA	dimethyl heptane isomers	670	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
NA	dimethyl octane isomer	460	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
NA	ethyl Cyclohexane isomer	200	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
NA	Ethyl Dimethyl Benzene isomer	170	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
NA	ethyl methyl cyclohexane isomer	170	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
NA	ethyl methyl cyclopentane isomer	240	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
NA	methyl Heptane isomer	180	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
NA	methyl Nonane isomer	680	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
NA	methyl Octane isomer	380	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
108-87-2	Methylcyclohexane	490	JN	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
91-20-3	Naphthalene	56	JN	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
NA	propyl Cyclohexane isomer	750	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS



Sample Information

Client Sample ID: B1 Grab (9-12)

York Sample ID: 14K0838-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:00 am

11/21/2014

Volatile Organics, Tentatively Identified Cmpds.

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
NA	tetramethyl cyclohexane isomer	350	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS
NA	trimethylcyclohexane isomer	310	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 14:40	SS

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.1		%	0.100	0.100	1	SM 2540G	12/01/2014 11:44	12/01/2014 17:27	SCA

Sample Information

Client Sample ID: B1 Comp (12-15)

York Sample ID: 14K0838-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:30 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
98-86-2	Acetophenone	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
120-12-7	Anthracene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
1912-24-9	Atrazine	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
92-87-5	Benzidine	ND		ug/kg dry	928	1860	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
65-85-0	Benzoic acid	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
105-60-2	Caprolactam	ND		ug/kg dry	464	926	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH



Sample Information

Client Sample ID: B1 Comp (12-15)

York Sample ID: 14K0838-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:30 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
218-01-9	Chrysene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	464	926	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	464	926	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
206-44-0	Fluoranthene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
86-73-7	Fluorene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
78-59-1	Isophorone	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH



Sample Information

Client Sample ID: B1 Comp (12-15)

York Sample ID: 14K0838-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:30 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
91-20-3	Naphthalene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	464	926	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	464	926	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	464	926	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	464	926	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
85-01-8	Phenanthrene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
108-95-2	Phenol	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
129-00-0	Pyrene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	232	464	10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	40.5 %	10-99								
4165-62-2	Surrogate: Phenol-d5	56.6 %	10-108								
4165-60-0	Surrogate: Nitrobenzene-d5	71.2 %	10-119								
321-60-8	Surrogate: 2-Fluorobiphenyl	51.4 %	10-114								
118-79-6	Surrogate: 2,4,6-Tribromophenol	59.8 %	10-106								
1718-51-0	Surrogate: Terphenyl-d14	57.9 %	10-123								

Semi-Volatiles, Tentatively Identified Cmpds.

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
124-18-5	Decane	4820	JN	ug/kg dry			10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
NA	dimethyl Heptane isomer	5560	JN	ug/kg dry			10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
NA	methyl Tricosane isomer	2590	JN	ug/kg dry			10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH
NA	tridecane isomer	7780	JN	ug/kg dry			10	EPA 8270D	11/26/2014 14:38	12/01/2014 10:57	KH



Sample Information

Client Sample ID: B1 Comp (12-15)

York Sample ID: 14K0838-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:30 am

11/21/2014

Pesticides, NJDEP/TCL/Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.34	7.34	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
72-20-8	Endrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.83	1.83	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.17	9.17	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
8001-35-2	Toxaphene	ND		ug/kg dry	92.8	92.8	5	EPA 8081B	11/25/2014 17:00	12/01/2014 21:27	JW
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	80.2 %	30-140								
877-09-8	Surrogate: Tetrachloro-m-xylene	61.2 %	30-140								



Sample Information

Client Sample ID: B1 Comp (12-15)

York Sample ID: 14K0838-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:30 am

11/21/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:43	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:43	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:43	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:43	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:43	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:43	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:43	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A	11/25/2014 17:00	12/01/2014 11:43	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	60.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	65.5 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		647		mg/kg dry	55.6	55.6	1	NJDEP EPH Rev 3.0	11/25/2014 16:00	11/26/2014 17:12	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	57.2 %		40-140							
84-15-1	Surrogate: o-Terphenyl	62.8 %		40-140							

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	8280		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW
7440-36-0	Antimony	ND		mg/kg dry	0.556	0.556	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW
7440-38-2	Arsenic	7.67		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW
7440-39-3	Barium	52.9		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.334	0.334	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW
7440-70-2	Calcium	845		mg/kg dry	0.556	5.56	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW
7440-47-3	Chromium	14.6		mg/kg dry	0.556	0.556	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW
7440-48-4	Cobalt	8.80		mg/kg dry	0.556	0.556	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW
7440-50-8	Copper	16.3		mg/kg dry	0.556	0.556	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW
7439-89-6	Iron	16600		mg/kg dry	2.22	2.22	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW
7439-92-1	Lead	11.9		mg/kg dry	0.334	0.334	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW



Sample Information

Client Sample ID: B1 Comp (12-15)

York Sample ID: 14K0838-09

York Project (SDG) No.

14K0838

Client Project ID

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 10:30 am

Date Received

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	2250		mg/kg dry	5.56	5.56	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW
7439-96-5	Manganese	315		mg/kg dry	0.556	0.556	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW
7440-02-0	Nickel	12.5		mg/kg dry	0.556	0.556	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW
7440-09-7	Potassium	1120		mg/kg dry	5.56	5.56	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW
7782-49-2	Selenium	3.39		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW
7440-22-4	Silver	ND		mg/kg dry	0.556	0.556	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW
7440-23-5	Sodium	318		mg/kg dry	11.1	11.1	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW
7440-62-2	Vanadium	27.0		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW
7440-66-6	Zinc	51.3		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 08:57	12/02/2014 12:10	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:39	MW
7440-39-3	Barium	0.506		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:39	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:39	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:39	MW
7439-92-1	Lead	0.026		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:39	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:39	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 06:39	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0334	0.0334	1	EPA 7473	11/25/2014 06:59	11/25/2014 12:35	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 13:01	11/26/2014 06:10	ALD

Ignitability

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
* Ignitability	Non-Ignit.	-			1	1	1	EPA 1030P	11/25/2014 10:09	11/26/2014 17:20	AA



Sample Information

Client Sample ID: B1 Comp (12-15)

York Sample ID: 14K0838-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:30 am

11/21/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.9		%	0.100	0.100	1	SM 2540G	12/01/2014 11:44	12/01/2014 17:27	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.389	0.556	1	EPA 7196A	12/02/2014 07:40	12/02/2014 14:51	SC

Corrosivity

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
	pH	8.19	HT-pH	pH units		0.500	1	EPA 9045D	12/01/2014 14:24	12/02/2014 15:56	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/03/2014 13:32	12/03/2014 15:58	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	16.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/03/2014 13:33	12/03/2014 16:10	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: B1 Grab (12-15)

York Sample ID: 14K0838-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:35 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: B1 Grab (12-15)

York Sample ID: 14K0838-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:35 am

11/21/2014

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	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
95-63-6	1,2,4-Trimethylbenzene	150		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
108-67-8	1,3,5-Trimethylbenzene	42		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	110	220	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
110-82-7	Cyclohexane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
78-93-3	2-Butanone	16	CCV-E	ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
591-78-6	2-Hexanone	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
67-64-1	Acetone	67	Cal-E, CCV-E, ICV-E	ug/kg dry	11	22	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
107-02-8	Acrolein	ND		ug/kg dry	11	22	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
71-43-2	Benzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
75-25-2	Bromoform	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
74-83-9	Bromomethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
67-66-3	Chloroform	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS



Sample Information

Client Sample ID: B1 Grab (12-15)

York Sample ID: 14K0838-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:35 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
74-95-3	Dibromomethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
108-87-2	Methylcyclohexane	17		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
98-82-8	Isopropylbenzene	9.6	J	ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
79-20-9	Methyl acetate	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
75-09-2	Methylene chloride	ND		ug/kg dry	11	22	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
103-65-1	n-Propylbenzene	15		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
95-47-6	o-Xylene	7.5	J	ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
179601-23-1	p- & m- Xylenes	21	J	ug/kg dry	11	22	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
99-87-6	p-Isopropyltoluene	12		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
135-98-8	sec-Butylbenzene	13		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
100-42-5	Styrene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
108-88-3	Toluene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
1330-20-7	Xylenes, Total	28	J	ug/kg dry	17	33	1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS

Surrogate Recoveries		Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	90.6 %	77-125
460-00-4	Surrogate: p-Bromofluorobenzene	99.4 %	76-130
2037-26-5	Surrogate: Toluene-d8	111 %	85-120

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: B1 Grab (12-15)

York Sample ID: 14K0838-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0838

Grid Section B1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:35 am

11/21/2014

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
NA	(dimethylethyl) methyl benzene isomer	89	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
527-53-7	1,2,4,5-Tetramethylbenzene	78	JN	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
108-67-8	1,3,5-Trimethylbenzene	42	JN	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
NA	butenyl benzene isomer	65	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
NA	dimethyl dodecane isomer	71	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
NA	dimethyl octane isomer	90	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
NA	dimethyl Undecane isomer	75	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
NA	Dodecane isomer	120	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
NA	ethyl (methylethyl) benzene isomer	66	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
NA	Ethyl Dimethyl Benzene isomer	85	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
NA	Methyl (methylethyl) benzene isomer	130	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
NA	methyl Nonane isomers	190	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
NA	methyl Octane isomer	79	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
108-87-2	Methyleyclohexane	17	JN	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
91-20-3	Naphthalene	19	JN	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
1678-92-8	propyl cyclohexane	140	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
NA	Propyl heptane isomer	92	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS
NA	undecane isomer	140	J	ug/kg dry			1	EPA 8260C	11/26/2014 08:15	11/26/2014 15:09	SS

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.0		%	0.100	0.100	1	SM 2540G	12/01/2014 11:44	12/01/2014 17:27	SCA



Analytical Batch Summary

Batch ID: BK41136 **Preparation Method:** EPA SW 846-1311 TCLP ext. for met **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
14K0838-01	B1 Comp (0-3)	11/24/14
14K0838-03	B1 Comp (3-6)	11/24/14
14K0838-05	B1 Comp (6-9)	11/24/14
14K0838-07	B1 Comp (9-12)	11/24/14
14K0838-09	B1 Comp (12-15)	11/24/14
BK41136-BLK1	Blank	11/24/14

Batch ID: BK41145 **Preparation Method:** EPA 3545A **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14K0838-01	B1 Comp (0-3)	11/24/14
14K0838-03	B1 Comp (3-6)	11/24/14
14K0838-05	B1 Comp (6-9)	11/24/14
14K0838-07	B1 Comp (9-12)	11/24/14
BK41145-BLK1	Blank	11/24/14
BK41145-BS1	LCS	11/24/14
BK41145-BSD1	LCS Dup	11/24/14

Batch ID: BK41182 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14K0838-01	B1 Comp (0-3)	11/25/14
14K0838-03	B1 Comp (3-6)	11/25/14
14K0838-05	B1 Comp (6-9)	11/25/14
14K0838-07	B1 Comp (9-12)	11/25/14
14K0838-09	B1 Comp (12-15)	11/25/14
BK41182-BLK1	Blank	11/25/14
BK41182-SRM1	Reference	11/25/14

Batch ID: BK41192 **Preparation Method:** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14K0838-01	B1 Comp (0-3)	11/25/14
14K0838-03	B1 Comp (3-6)	11/25/14
14K0838-05	B1 Comp (6-9)	11/25/14
14K0838-07	B1 Comp (9-12)	11/25/14
14K0838-09	B1 Comp (12-15)	11/25/14

Batch ID: BK41202 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14K0838-01	B1 Comp (0-3)	11/25/14
14K0838-03	B1 Comp (3-6)	11/25/14



14K0838-05	B1 Comp (6-9)	11/25/14
14K0838-07	B1 Comp (9-12)	11/25/14
14K0838-09	B1 Comp (12-15)	11/25/14
BK41202-BLK1	Blank	11/25/14
BK41202-SRM1	Reference	11/25/14

Batch ID: BK41205 **Preparation Method:** EPA 3545A **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14K0838-09	B1 Comp (12-15)	11/25/14
BK41205-BLK1	Blank	11/25/14
BK41205-BS1	LCS	11/25/14
BK41205-BSD1	LCS Dup	11/25/14
BK41205-DUP1	Duplicate	11/25/14
BK41205-MS1	Matrix Spike	11/25/14

Batch ID: BK41206 **Preparation Method:** EPA 3550C **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14K0838-01	B1 Comp (0-3)	11/25/14
14K0838-01	B1 Comp (0-3)	11/25/14
14K0838-03	B1 Comp (3-6)	11/25/14
14K0838-03	B1 Comp (3-6)	11/25/14
14K0838-05	B1 Comp (6-9)	11/25/14
14K0838-05	B1 Comp (6-9)	11/25/14
14K0838-07	B1 Comp (9-12)	11/25/14
14K0838-07	B1 Comp (9-12)	11/25/14
14K0838-09	B1 Comp (12-15)	11/25/14
14K0838-09	B1 Comp (12-15)	11/25/14
BK41206-BLK1	Blank	11/25/14
BK41206-BLK1	Blank	11/25/14
BK41206-BS1	LCS	11/25/14
BK41206-BS2	LCS	11/25/14
BK41206-BSD1	LCS Dup	11/25/14
BK41206-MS1	Matrix Spike	11/25/14

Batch ID: BK41258 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14K0838-02	B1 Grab (0-3)	11/26/14
14K0838-04	B1 Grab (3-6)	11/26/14
14K0838-08	B1 Grab (9-12)	11/26/14
14K0838-10	B1 Grab (12-15)	11/26/14
BK41258-BLK1	Blank	11/26/14
BK41258-BS1	LCS	11/26/14
BK41258-BSD1	LCS Dup	11/26/14
BK41258-DUP1	Duplicate	11/26/14
BK41258-MS1	Matrix Spike	11/26/14



Batch ID: BK41274

Preparation Method: EPA 3550C

Prepared By: TB

YORK Sample ID	Client Sample ID	Preparation Date
14K0838-01	B1 Comp (0-3)	11/26/14
14K0838-03	B1 Comp (3-6)	11/26/14
14K0838-05	B1 Comp (6-9)	11/26/14
14K0838-07	B1 Comp (9-12)	11/26/14
14K0838-09	B1 Comp (12-15)	11/26/14
BK41274-BLK1	Blank	11/26/14
BK41274-BS1	LCS	11/26/14
BK41274-BSD1	LCS Dup	11/26/14

Batch ID: BL40017

Preparation Method: EPA SW846-3060

Prepared By: PAM

YORK Sample ID	Client Sample ID	Preparation Date
14K0838-01	B1 Comp (0-3)	12/01/14
14K0838-03	B1 Comp (3-6)	12/01/14
BL40017-BLK1	Blank	12/01/14
BL40017-SRM1	Reference	12/01/14

Batch ID: BL40025

Preparation Method: % Solids Prep

Prepared By: SCA

YORK Sample ID	Client Sample ID	Preparation Date
14K0838-01	B1 Comp (0-3)	12/01/14
14K0838-02	B1 Grab (0-3)	12/01/14
14K0838-03	B1 Comp (3-6)	12/01/14
14K0838-04	B1 Grab (3-6)	12/01/14
14K0838-05	B1 Comp (6-9)	12/01/14
14K0838-06	B1 Grab (6-9)	12/01/14
14K0838-07	B1 Comp (9-12)	12/01/14
14K0838-08	B1 Grab (9-12)	12/01/14
14K0838-09	B1 Comp (12-15)	12/01/14
14K0838-10	B1 Grab (12-15)	12/01/14
BL40025-DUP1	Duplicate	12/01/14

Batch ID: BL40029

Preparation Method: EPA 5035A

Prepared By: BGS

YORK Sample ID	Client Sample ID	Preparation Date
14K0838-06	B1 Grab (6-9)	12/01/14
14K0838-08RE1	B1 Grab (9-12)	12/01/14
BL40029-BLK1	Blank	12/01/14
BL40029-BS1	LCS	12/01/14
BL40029-BSD1	LCS Dup	12/01/14

Batch ID: BL40034

Preparation Method: Analysis Preparation

Prepared By: AA

YORK Sample ID	Client Sample ID	Preparation Date
14K0838-01	B1 Comp (0-3)	12/01/14



Batch ID: BL40044 **Preparation Method:** Analysis Preparation **Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
14K0838-01	B1 Comp (0-3)	12/01/14
14K0838-03	B1 Comp (3-6)	12/01/14
14K0838-05	B1 Comp (6-9)	12/01/14
14K0838-07	B1 Comp (9-12)	12/01/14
14K0838-09	B1 Comp (12-15)	12/01/14

Batch ID: BL40064 **Preparation Method:** EPA 3010A/1311 **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14K0838-01	B1 Comp (0-3)	12/01/14
14K0838-03	B1 Comp (3-6)	12/01/14
14K0838-05	B1 Comp (6-9)	12/01/14
14K0838-07	B1 Comp (9-12)	12/01/14
14K0838-09	B1 Comp (12-15)	12/01/14
BL40064-BLK1	Blank	12/01/14
BL40064-BLK2	Blank	12/01/14
BL40064-DUP1	Duplicate	12/01/14
BL40064-MS1	Matrix Spike	12/01/14
BL40064-SRM1	Reference	12/01/14

Batch ID: BL40087 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14K0838-05	B1 Comp (6-9)	12/02/14
14K0838-07	B1 Comp (9-12)	12/02/14
14K0838-09	B1 Comp (12-15)	12/02/14
BL40087-BLK1	Blank	12/02/14
BL40087-SRM1	Reference	12/02/14

Batch ID: BL40090 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14K0838-01	B1 Comp (0-3)	12/02/14
14K0838-03	B1 Comp (3-6)	12/02/14
14K0838-05	B1 Comp (6-9)	12/02/14
14K0838-07	B1 Comp (9-12)	12/02/14
14K0838-09	B1 Comp (12-15)	12/02/14
BL40090-BLK1	Blank	12/02/14
BL40090-DUP1	Duplicate	12/02/14
BL40090-MS1	Matrix Spike	12/02/14
BL40090-SRM1	Reference	12/02/14

Batch ID: BL40194 **Preparation Method:** Analysis Preparation **Prepared By:** AD



YORK Sample ID	Client Sample ID	Preparation Date
14K0838-01	B1 Comp (0-3)	12/03/14
14K0838-03	B1 Comp (3-6)	12/03/14
14K0838-05	B1 Comp (6-9)	12/03/14
14K0838-07	B1 Comp (9-12)	12/03/14
14K0838-09	B1 Comp (12-15)	12/03/14
BL40194-BLK1	Blank	12/03/14

Batch ID: BL40195 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
14K0838-01	B1 Comp (0-3)	12/03/14
14K0838-03	B1 Comp (3-6)	12/03/14
14K0838-05	B1 Comp (6-9)	12/03/14
14K0838-07	B1 Comp (9-12)	12/03/14
14K0838-09	B1 Comp (12-15)	12/03/14
BL40195-BLK1	Blank	12/03/14
BL40195-BS1	LCS	12/03/14
BL40195-DUP1	Duplicate	12/03/14



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK41258 - EPA 5035A

Blank (BK41258-BLK1)

Prepared & Analyzed: 11/26/2014

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet
Tentatively Identified Compounds	0.0		"
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	"
Bromochloromethane	ND	5.0	"
1,2,4-Trichlorobenzene	2.6	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
1,4-Dioxane	ND	100	"
Cyclohexane	ND	5.0	"
2-Butanone	ND	5.0	"
2-Hexanone	ND	5.0	"
4-Methyl-2-pentanone	ND	5.0	"
Acetone	ND	10	"
Acrolein	ND	10	"
Acrylonitrile	ND	5.0	"
Benzene	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"
Carbon disulfide	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	5.0	"
cis-1,2-Dichloroethylene	ND	5.0	"
cis-1,3-Dichloropropylene	ND	5.0	"
Dibromochloromethane	ND	5.0	"
Dibromomethane	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
Ethyl Benzene	ND	5.0	"
Methylcyclohexane	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl acetate	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylene chloride	ND	10	"
n-Butylbenzene	ND	5.0	"
1,2,3-Trichlorobenzene	5.0	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 BK41258 - EPA 5035A

Blank (BK41258-BLK1)

Prepared & Analyzed: 11/26/2014

n-Propylbenzene	ND	5.0	ug/kg wet
o-Xylene	ND	5.0	"
p- & m- Xylenes	ND	10	"
p-Isopropyltoluene	ND	5.0	"
sec-Butylbenzene	ND	5.0	"
Styrene	ND	5.0	"
tert-Butyl alcohol (TBA)	ND	5.0	"
tert-Butylbenzene	ND	5.0	"
Tetrachloroethylene	ND	5.0	"
Toluene	ND	5.0	"
trans-1,2-Dichloroethylene	ND	5.0	"
trans-1,3-Dichloropropylene	ND	5.0	"
Trichloroethylene	ND	5.0	"
Trichlorofluoromethane	ND	5.0	"
Vinyl Chloride	ND	5.0	"
Xylenes, Total	ND	15	"

<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>47.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>95.1</i>	<i>77-125</i>
<i>Surrogate: p-Bromofluorobenzene</i>	<i>47.5</i>		<i>"</i>	<i>50.0</i>		<i>95.0</i>	<i>76-130</i>
<i>Surrogate: Toluene-d8</i>	<i>51.0</i>		<i>"</i>	<i>50.0</i>		<i>102</i>	<i>85-120</i>

LCS (BK41258-BS1)

Prepared & Analyzed: 11/26/2014

1,1,1,2-Tetrachloroethane	50		ug/L	50.0		101	75-129
1,1,1-Trichloroethane	49		"	50.0		97.7	71-137
1,1,2,2-Tetrachloroethane	55		"	50.0		110	79-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		104	58-146
1,1,2-Trichloroethane	48		"	50.0		96.7	83-123
1,1-Dichloroethane	49		"	50.0		99.0	75-130
1,1-Dichloroethylene	50		"	50.0		101	64-137
Bromochloromethane	50		"	50.0		100	74-129
1,2,4-Trichlorobenzene	61		"	50.0		121	80-141
1,2,4-Trimethylbenzene	54		"	50.0		109	84-125
1,2-Dibromo-3-chloropropane	48		"	50.0		95.5	74-142
1,2-Dibromoethane	50		"	50.0		99.9	86-123
1,2-Dichlorobenzene	57		"	50.0		113	85-122
1,2-Dichloroethane	46		"	50.0		91.3	71-133
1,2-Dichloropropane	49		"	50.0		98.7	81-122
1,3,5-Trimethylbenzene	51		"	50.0		101	82-126
1,3-Dichlorobenzene	58		"	50.0		116	84-124
1,4-Dichlorobenzene	57		"	50.0		114	84-124
1,4-Dioxane	700		"	1000		69.8	10-228
Cyclohexane	48		"	50.0		95.4	70-130
2-Butanone	59		"	50.0		118	58-147
2-Hexanone	52		"	50.0		104	70-139
4-Methyl-2-pentanone	44		"	50.0		88.1	72-132
Acetone	76		"	50.0		152	36-155
Acrolein	300		"	50.0		597	10-238
Acrylonitrile	45		"	50.0		90.7	66-141
Benzene	51		"	50.0		101	77-127
Bromodichloromethane	50		"	50.0		100	81-124
Bromoform	52		"	50.0		104	80-136
Bromomethane	29		"	50.0		58.9	32-177
Carbon disulfide	50		"	50.0		99.5	10-136

High Bias



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 BK41258 - EPA 5035A

LCS (BK41258-BS1)

Prepared & Analyzed: 11/26/2014

Carbon tetrachloride	50		ug/L	50.0		99.3	66-143				
Chlorobenzene	55		"	50.0		109	86-120				
Chloroethane	37		"	50.0		73.5	51-142				
Chloroform	49		"	50.0		97.6	76-131				
Chloromethane	42		"	50.0		83.2	49-132				
cis-1,2-Dichloroethylene	51		"	50.0		103	74-132				
cis-1,3-Dichloropropylene	49		"	50.0		97.4	81-129				
Dibromochloromethane	51		"	50.0		101	10-200				
Dibromomethane	48		"	50.0		95.8	83-124				
Dichlorodifluoromethane	45		"	50.0		89.6	28-158				
Ethyl Benzene	47		"	50.0		93.9	84-125				
Methylcyclohexane	48		"	50.0		95.8	70-130				
Hexachlorobutadiene	57		"	50.0		114	83-133				
Isopropylbenzene	53		"	50.0		106	81-127				
Methyl acetate	45		"	50.0		89.0	41-143				
Methyl tert-butyl ether (MTBE)	44		"	50.0		88.9	74-131				
Methylene chloride	47		"	50.0		94.5	57-141				
n-Butylbenzene	55		"	50.0		111	80-130				
1,2,3-Trichlorobenzene	59		"	50.0		117	81-140				
n-Propylbenzene	53		"	50.0		106	74-136				
o-Xylene	50		"	50.0		101	83-123				
p- & m- Xylenes	94		"	100		94.0	82-128				
p-Isopropyltoluene	56		"	50.0		113	85-125				
sec-Butylbenzene	53		"	50.0		106	83-125				
Styrene	52		"	50.0		105	86-126				
tert-Butyl alcohol (TBA)	43		"	50.0		85.8	70-130				
tert-Butylbenzene	59		"	50.0		118	80-127				
Tetrachloroethylene	44		"	50.0		87.2	80-129				
Toluene	51		"	50.0		102	85-121				
trans-1,2-Dichloroethylene	48		"	50.0		95.3	72-132				
trans-1,3-Dichloropropylene	51		"	50.0		101	78-132				
Trichloroethylene	50		"	50.0		100	84-123				
Trichlorofluoromethane	43		"	50.0		85.5	62-140				
Vinyl Chloride	39		"	50.0		78.2	52-130				
Surrogate: 1,2-Dichloroethane-d4	42.2		"	50.0		84.5	77-125				
Surrogate: p-Bromofluorobenzene	51.7		"	50.0		103	76-130				
Surrogate: Toluene-d8	45.8		"	50.0		91.6	85-120				



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 BK41258 - EPA 5035A											
LCS Dup (BK41258-BSD1)						Prepared & Analyzed: 11/26/2014					
1,1,1,2-Tetrachloroethane	55		ug/L	50.0		109	75-129		8.15	30	
1,1,1-Trichloroethane	51		"	50.0		102	71-137		4.52	30	
1,1,2,2-Tetrachloroethane	51		"	50.0		102	79-129		7.42	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48		"	50.0		96.6	58-146		7.11	30	
1,1,2-Trichloroethane	51		"	50.0		102	83-123		5.41	30	
1,1-Dichloroethane	52		"	50.0		105	75-130		5.50	30	
1,1-Dichloroethylene	47		"	50.0		93.7	64-137		7.14	30	
Bromochloromethane	53		"	50.0		107	74-129		6.28	30	
1,2,4-Trichlorobenzene	56		"	50.0		113	80-141		7.57	30	
1,2,4-Trimethylbenzene	50		"	50.0		100	84-125		7.93	30	
1,2-Dibromo-3-chloropropane	46		"	50.0		92.7	74-142		2.95	30	
1,2-Dibromoethane	54		"	50.0		107	86-123		7.18	30	
1,2-Dichlorobenzene	53		"	50.0		105	85-122		7.20	30	
1,2-Dichloroethane	46		"	50.0		92.5	71-133		1.28	30	
1,2-Dichloropropane	53		"	50.0		106	81-122		7.00	30	
1,3,5-Trimethylbenzene	53		"	50.0		106	82-126		4.32	30	
1,3-Dichlorobenzene	56		"	50.0		112	84-124		3.18	30	
1,4-Dichlorobenzene	54		"	50.0		109	84-124		4.67	30	
1,4-Dioxane	640		"	1000		63.9	10-228		8.83	30	
Cyclohexane	53		"	50.0		105	70-130		9.94	30	
2-Butanone	49		"	50.0		98.4	58-147		18.0	30	
2-Hexanone	52		"	50.0		105	70-139		0.726	30	
4-Methyl-2-pentanone	45		"	50.0		90.8	72-132		3.04	30	
Acetone	58		"	50.0		116	36-155		27.0	30	
Acrolein	270		"	50.0		533	10-238	High Bias	11.3	30	
Acrylonitrile	49		"	50.0		97.3	66-141		7.02	30	
Benzene	50		"	50.0		101	77-127		0.614	30	
Bromodichloromethane	50		"	50.0		100	81-124		0.0200	30	
Bromoform	51		"	50.0		103	80-136		0.873	30	
Bromomethane	30		"	50.0		59.1	32-177		0.407	30	
Carbon disulfide	52		"	50.0		103	10-136		3.69	30	
Carbon tetrachloride	49		"	50.0		98.1	66-143		1.24	30	
Chlorobenzene	59		"	50.0		119	86-120		8.13	30	
Chloroethane	36		"	50.0		72.6	51-142		1.18	30	
Chloroform	51		"	50.0		102	76-131		4.27	30	
Chloromethane	43		"	50.0		85.7	49-132		3.01	30	
cis-1,2-Dichloroethylene	51		"	50.0		103	74-132		0.214	30	
cis-1,3-Dichloropropylene	55		"	50.0		109	81-129		11.7	30	
Dibromochloromethane	54		"	50.0		109	10-200		7.42	30	
Dibromomethane	53		"	50.0		106	83-124		10.2	30	
Dichlorodifluoromethane	46		"	50.0		91.2	28-158		1.75	30	
Ethyl Benzene	53		"	50.0		106	84-125		12.0	30	
Methylcyclohexane	53		"	50.0		106	70-130		9.87	30	
Hexachlorobutadiene	56		"	50.0		112	83-133		2.26	30	
Isopropylbenzene	52		"	50.0		103	81-127		2.82	30	
Methyl acetate	40		"	50.0		80.3	41-143		10.3	30	
Methyl tert-butyl ether (MTBE)	47		"	50.0		94.9	74-131		6.46	30	
Methylene chloride	49		"	50.0		97.1	57-141		2.73	30	
n-Butylbenzene	52		"	50.0		105	80-130		5.48	30	
1,2,3-Trichlorobenzene	57		"	50.0		113	81-140		3.35	30	
n-Propylbenzene	52		"	50.0		104	74-136		1.68	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 BK41258 - EPA 5035A

LCS Dup (BK41258-BSD1)

Prepared & Analyzed: 11/26/2014

o-Xylene	54		ug/L	50.0		108	83-123		6.58	30
p- & m- Xylenes	110		"	100		105	82-128		11.3	30
p-Isopropyltoluene	58		"	50.0		117	85-125		3.61	30
sec-Butylbenzene	55		"	50.0		110	83-125		3.80	30
Styrene	55		"	50.0		109	86-126		4.18	30
tert-Butyl alcohol (TBA)	38		"	50.0		75.0	70-130		13.5	30
tert-Butylbenzene	50		"	50.0		101	80-127		15.8	30
Tetrachloroethylene	47		"	50.0		93.6	80-129		7.06	30
Toluene	54		"	50.0		107	85-121		4.80	30
trans-1,2-Dichloroethylene	50		"	50.0		101	72-132		5.59	30
trans-1,3-Dichloropropylene	54		"	50.0		109	78-132		7.15	30
Trichloroethylene	54		"	50.0		108	84-123		6.75	30
Trichlorofluoromethane	40		"	50.0		80.3	62-140		6.30	30
Vinyl Chloride	37		"	50.0		73.9	52-130		5.60	30
Surrogate: 1,2-Dichloroethane-d4	46.8		"	50.0		93.6	77-125			
Surrogate: p-Bromofluorobenzene	48.2		"	50.0		96.3	76-130			
Surrogate: Toluene-d8	50.1		"	50.0		100	85-120			

Duplicate (BK41258-DUP1)

*Source sample: 14K0838-02 (B1 Grab (0-3))

Prepared & Analyzed: 11/26/2014

1,1,1,2-Tetrachloroethane	ND	11	ug/kg dry		ND					200
1,1,1-Trichloroethane	ND	11	"		ND					200
1,1,2,2-Tetrachloroethane	ND	11	"		ND					200
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	11	"		ND					200
1,1,2-Trichloroethane	ND	11	"		ND					200
1,1-Dichloroethane	ND	11	"		ND					200
1,1-Dichloroethylene	ND	11	"		ND					200
Bromochloromethane	ND	11	"		ND					200
1,2,4-Trichlorobenzene	ND	11	"		ND					200
1,2,4-Trimethylbenzene	ND	11	"		ND					200
1,2-Dibromo-3-chloropropane	ND	11	"		ND					200
1,2-Dibromoethane	ND	11	"		ND					200
1,2-Dichlorobenzene	ND	11	"		ND					200
1,2-Dichloroethane	ND	11	"		ND					200
1,2-Dichloropropane	ND	11	"		ND					200
1,3,5-Trimethylbenzene	ND	11	"		ND					200
1,3-Dichlorobenzene	ND	11	"		ND					200
1,4-Dichlorobenzene	ND	11	"		ND					200
1,4-Dioxane	ND	220	"		ND					200
Cyclohexane	ND	11	"		ND					200
2-Butanone	ND	11	"		13					200
2-Hexanone	ND	11	"		ND					200
4-Methyl-2-pentanone	ND	11	"		ND					200
Acetone	58	22	"		62				7.53	200
Acrolein	ND	22	"		ND					200
Acrylonitrile	ND	11	"		ND					200
Benzene	ND	11	"		ND					200
Bromodichloromethane	ND	11	"		ND					200
Bromoform	ND	11	"		ND					200
Bromomethane	ND	11	"		ND					200
Carbon disulfide	ND	11	"		ND					200
Carbon tetrachloride	ND	11	"		ND					200
Chlorobenzene	ND	11	"		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 BK41258 - EPA 5035A

Duplicate (BK41258-DUP1)	*Source sample: 14K0838-02 (B1 Grab (0-3))					Prepared & Analyzed: 11/26/2014					
Chloroethane	ND	11	ug/kg dry		ND					200	
Chloroform	ND	11	"		ND					200	
Chloromethane	ND	11	"		ND					200	
cis-1,2-Dichloroethylene	ND	11	"		ND					200	
cis-1,3-Dichloropropylene	ND	11	"		ND					200	
Dibromochloromethane	ND	11	"		ND					200	
Dibromomethane	ND	11	"		ND					200	
Dichlorodifluoromethane	ND	11	"		ND					200	
Ethyl Benzene	ND	11	"		ND					200	
Methylcyclohexane	6.9	11	"		9.2				28.4	200	
Hexachlorobutadiene	ND	11	"		ND					200	
Isopropylbenzene	ND	11	"		ND					200	
Methyl acetate	ND	11	"		ND					200	
Methyl tert-butyl ether (MTBE)	ND	11	"		ND					200	
Methylene chloride	ND	22	"		ND					200	
n-Butylbenzene	ND	11	"		ND					200	
1,2,3-Trichlorobenzene	ND	11	"		ND					200	
n-Propylbenzene	ND	11	"		ND					200	
o-Xylene	ND	11	"		ND					200	
p- & m- Xylenes	ND	22	"		ND					200	
p-Isopropyltoluene	ND	11	"		ND					200	
sec-Butylbenzene	ND	11	"		ND					200	
Styrene	ND	11	"		ND					200	
tert-Butyl alcohol (TBA)	ND	11	"		ND					200	
tert-Butylbenzene	ND	11	"		ND					200	
Tetrachloroethylene	ND	11	"		ND					200	
Toluene	ND	11	"		ND					200	
trans-1,2-Dichloroethylene	ND	11	"		ND					200	
trans-1,3-Dichloropropylene	ND	11	"		ND					200	
Trichloroethylene	ND	11	"		ND					200	
Trichlorofluoromethane	ND	11	"		ND					200	
Vinyl Chloride	ND	11	"		ND					200	
Xylenes, Total	ND	34	"		ND					200	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>46.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>93.4</i>	<i>77-125</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>56.7</i>		<i>"</i>	<i>50.0</i>		<i>113</i>	<i>76-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>52.5</i>		<i>"</i>	<i>50.0</i>		<i>105</i>	<i>85-120</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41258 - EPA 5035A											
Matrix Spike (BK41258-MS1)	*Source sample: 14K0838-02 (B1 Grab (0-3))						Prepared & Analyzed: 11/26/2014				
1,1,1,2-Tetrachloroethane	46		ug/L	50.0	ND	91.4	15-161				
1,1,1-Trichloroethane	41		"	50.0	ND	82.6	42-145				
1,1,2,2-Tetrachloroethane	46		"	50.0	ND	91.5	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	36		"	50.0	ND	71.4	11-160				
1,1,2-Trichloroethane	44		"	50.0	ND	88.4	44-145				
1,1-Dichloroethane	45		"	50.0	ND	90.0	46-142				
1,1-Dichloroethylene	35		"	50.0	ND	69.9	30-153				
Bromochloromethane	36		"	50.0	ND	72.7	38-145				
1,2,4-Trichlorobenzene	15		"	50.0	ND	29.9	10-151				
1,2,4-Trimethylbenzene	36		"	50.0	ND	72.6	10-170				
1,2-Dibromo-3-chloropropane	36		"	50.0	ND	71.3	36-138				
1,2-Dibromoethane	38		"	50.0	ND	76.6	40-142				
1,2-Dichlorobenzene	30		"	50.0	ND	60.8	10-147				
1,2-Dichloroethane	37		"	50.0	ND	73.4	48-133				
1,2-Dichloropropane	51		"	50.0	ND	102	47-141				
1,3,5-Trimethylbenzene	36		"	50.0	ND	72.2	10-150				
1,3-Dichlorobenzene	28		"	50.0	ND	56.2	10-144				
1,4-Dichlorobenzene	25		"	50.0	ND	50.3	10-160				
1,4-Dioxane	700		"	1000	ND	70.0	10-191				
Cyclohexane	35		"	50.0	1.0	67.3	70-130	Low Bias			
2-Butanone	72		"	50.0	5.8	132	10-189				
2-Hexanone	54		"	50.0	ND	107	10-181				
4-Methyl-2-pentanone	44		"	50.0	ND	88.3	10-166				
Acetone	120		"	50.0	28	176	10-196				
Acrolein	300		"	50.0	ND	601	10-192	High Bias			
Acrylonitrile	38		"	50.0	ND	75.7	13-161				
Benzene	40		"	50.0	ND	79.5	43-139				
Bromodichloromethane	45		"	50.0	ND	89.0	38-147				
Bromoform	42		"	50.0	ND	84.0	29-156				
Bromomethane	19		"	50.0	ND	38.1	10-166				
Carbon disulfide	27		"	50.0	1.2	51.0	10-131				
Carbon tetrachloride	41		"	50.0	ND	81.2	35-145				
Chlorobenzene	35		"	50.0	ND	70.5	21-154				
Chloroethane	28		"	50.0	ND	55.8	15-160				
Chloroform	41		"	50.0	ND	81.1	47-142				
Chloromethane	32		"	50.0	ND	64.0	10-159				
cis-1,2-Dichloroethylene	35		"	50.0	ND	70.8	42-144				
cis-1,3-Dichloropropylene	34		"	50.0	ND	67.7	18-159				
Dibromochloromethane	41		"	50.0	ND	81.7	10-179				
Dibromomethane	38		"	50.0	ND	76.6	47-143				
Dichlorodifluoromethane	29		"	50.0	ND	58.0	10-145				
Ethyl Benzene	39		"	50.0	ND	77.6	11-158				
Methylcyclohexane	34		"	50.0	4.1	60.3	70-130	Low Bias			
Hexachlorobutadiene	13		"	50.0	ND	25.4	10-158				
Isopropylbenzene	41		"	50.0	1.5	78.9	10-162				
Methyl acetate	43		"	50.0	ND	85.2	10-149				
Methyl tert-butyl ether (MTBE)	48		"	50.0	ND	95.0	42-152				
Methylene chloride	38		"	50.0	0.82	74.7	28-151				
n-Butylbenzene	26		"	50.0	ND	52.6	10-162				
1,2,3-Trichlorobenzene	17		"	50.0	ND	33.4	10-157				
n-Propylbenzene	40		"	50.0	1.2	76.7	10-155				



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 BK41258 - EPA 5035A

Matrix Spike (BK41258-MS1)		*Source sample: 14K0838-02 (B1 Grab (0-3))					Prepared & Analyzed: 11/26/2014				
o-Xylene	37		ug/L	50.0	ND	74.4	10-158				
p- & m- Xylenes	73		"	100	ND	72.9	10-156				
p-Isopropyltoluene	29		"	50.0	ND	57.7	10-147				
sec-Butylbenzene	32		"	50.0	1.4	62.1	10-157				
Styrene	32		"	50.0	ND	63.6	13-171				
tert-Butyl alcohol (TBA)	42		"	50.0	ND	83.5	34-179				
tert-Butylbenzene	32		"	50.0	ND	63.8	10-160				
Tetrachloroethylene	46		"	50.0	ND	92.5	30-167				
Toluene	43		"	50.0	ND	86.8	21-160				
trans-1,2-Dichloroethylene	29		"	50.0	ND	58.4	29-153				
trans-1,3-Dichloropropylene	31		"	50.0	ND	61.8	18-155				
Trichloroethylene	41		"	50.0	ND	81.7	24-169				
Trichlorofluoromethane	33		"	50.0	ND	66.8	35-142				
Vinyl Chloride	27		"	50.0	ND	53.5	12-160				
Surrogate: 1,2-Dichloroethane-d4	45.9		"	50.0		91.8	77-125				
Surrogate: p-Bromofluorobenzene	53.4		"	50.0		107	70-130				
Surrogate: Toluene-d8	58.8		"	50.0		118	85-120				

Batch BL40029 - EPA 5035A

Blank (BL40029-BLK1)		Prepared & Analyzed: 12/01/2014									
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
Tentatively Identified Compounds	0.0		"								
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	"								
Bromochloromethane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
Cyclohexane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	5.5	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	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 BL40029 - EPA 5035A

Blank (BL40029-BLK1)

Prepared & Analyzed: 12/01/2014

Carbon disulfide	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	"								
Methylcyclohexane	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	3.4	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	50.7		ug/L	50.0		101	77-125				
Surrogate: p-Bromofluorobenzene	48.6		"	50.0		97.3	76-130				
Surrogate: Toluene-d8	51.2		"	50.0		102	85-120				



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 BL40029 - EPA 5035A											
LCS (BL40029-BS1)						Prepared & Analyzed: 12/01/2014					
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		100	75-129				
1,1,1-Trichloroethane	51		"	50.0		102	71-137				
1,1,2,2-Tetrachloroethane	49		"	50.0		97.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		100	58-146				
1,1,2-Trichloroethane	52		"	50.0		104	83-123				
1,1-Dichloroethane	50		"	50.0		99.4	75-130				
1,1-Dichloroethylene	47		"	50.0		93.2	64-137				
Bromochloromethane	59		"	50.0		118	74-129				
1,2,4-Trichlorobenzene	47		"	50.0		94.4	80-141				
1,2,4-Trimethylbenzene	48		"	50.0		95.9	84-125				
1,2-Dibromo-3-chloropropane	50		"	50.0		99.2	74-142				
1,2-Dibromoethane	49		"	50.0		97.4	86-123				
1,2-Dichlorobenzene	48		"	50.0		95.8	85-122				
1,2-Dichloroethane	51		"	50.0		103	71-133				
1,2-Dichloropropane	47		"	50.0		93.1	81-122				
1,3,5-Trimethylbenzene	50		"	50.0		100	82-126				
1,3-Dichlorobenzene	48		"	50.0		96.8	84-124				
1,4-Dichlorobenzene	48		"	50.0		95.9	84-124				
1,4-Dioxane	1200		"	1000		124	10-228				
Cyclohexane	47		"	50.0		94.0	70-130				
2-Butanone	62		"	50.0		124	58-147				
2-Hexanone	44		"	50.0		88.2	70-139				
4-Methyl-2-pentanone	48		"	50.0		96.4	72-132				
Acetone	52		"	50.0		103	36-155				
Acrolein	130		"	50.0		266	10-238	High Bias			
Acrylonitrile	54		"	50.0		108	66-141				
Benzene	50		"	50.0		99.9	77-127				
Bromodichloromethane	51		"	50.0		102	81-124				
Bromoform	50		"	50.0		101	80-136				
Bromomethane	50		"	50.0		101	32-177				
Carbon disulfide	48		"	50.0		96.5	10-136				
Carbon tetrachloride	49		"	50.0		98.6	66-143				
Chlorobenzene	52		"	50.0		103	86-120				
Chloroethane	50		"	50.0		99.0	51-142				
Chloroform	52		"	50.0		104	76-131				
Chloromethane	45		"	50.0		90.5	49-132				
cis-1,2-Dichloroethylene	48		"	50.0		96.7	74-132				
cis-1,3-Dichloropropylene	53		"	50.0		106	81-129				
Dibromochloromethane	50		"	50.0		99.1	10-200				
Dibromomethane	52		"	50.0		104	83-124				
Dichlorodifluoromethane	44		"	50.0		88.8	28-158				
Ethyl Benzene	50		"	50.0		99.1	84-125				
Methylcyclohexane	50		"	50.0		101	70-130				
Hexachlorobutadiene	48		"	50.0		95.9	83-133				
Isopropylbenzene	49		"	50.0		97.7	81-127				
Methyl acetate	47		"	50.0		95.0	41-143				
Methyl tert-butyl ether (MTBE)	51		"	50.0		102	74-131				
Methylene chloride	41		"	50.0		82.4	57-141				
n-Butylbenzene	48		"	50.0		95.7	80-130				
1,2,3-Trichlorobenzene	48		"	50.0		95.9	81-140				
n-Propylbenzene	48		"	50.0		96.4	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 BL40029 - EPA 5035A

LCS (BL40029-BS1)

Prepared & Analyzed: 12/01/2014

o-Xylene	50		ug/L	50.0		101	83-123				
p- & m- Xylenes	100		"	100		101	82-128				
p-Isopropyltoluene	48		"	50.0		96.3	85-125				
sec-Butylbenzene	47		"	50.0		95.0	83-125				
Styrene	51		"	50.0		101	86-126				
tert-Butyl alcohol (TBA)	57		"	50.0		114	70-130				
tert-Butylbenzene	50		"	50.0		100	80-127				
Tetrachloroethylene	45		"	50.0		89.1	80-129				
Toluene	51		"	50.0		102	85-121				
trans-1,2-Dichloroethylene	48		"	50.0		95.4	72-132				
trans-1,3-Dichloropropylene	51		"	50.0		101	78-132				
Trichloroethylene	50		"	50.0		101	84-123				
Trichlorofluoromethane	50		"	50.0		100	62-140				
Vinyl Chloride	45		"	50.0		89.3	52-130				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>48.6</i>		<i>"</i>	<i>50.0</i>		<i>97.1</i>	<i>77-125</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>49.9</i>		<i>"</i>	<i>50.0</i>		<i>99.8</i>	<i>76-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>48.8</i>		<i>"</i>	<i>50.0</i>		<i>97.6</i>	<i>85-120</i>				

LCS Dup (BL40029-BSD1)

Prepared & Analyzed: 12/01/2014

1,1,1,2-Tetrachloroethane	50		ug/L	50.0		100	75-129		0.139	30	
1,1,1-Trichloroethane	53		"	50.0		107	71-137		4.46	30	
1,1,2,2-Tetrachloroethane	48		"	50.0		96.6	79-129		0.496	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		102	58-146		2.23	30	
1,1,2-Trichloroethane	53		"	50.0		106	83-123		1.58	30	
1,1-Dichloroethane	50		"	50.0		101	75-130		1.60	30	
1,1-Dichloroethylene	51		"	50.0		101	64-137		8.48	30	
Bromochloromethane	59		"	50.0		118	74-129		0.101	30	
1,2,4-Trichlorobenzene	48		"	50.0		96.1	80-141		1.76	30	
1,2,4-Trimethylbenzene	49		"	50.0		98.2	84-125		2.31	30	
1,2-Dibromo-3-chloropropane	54		"	50.0		107	74-142		7.86	30	
1,2-Dibromoethane	50		"	50.0		101	86-123		3.21	30	
1,2-Dichlorobenzene	49		"	50.0		98.8	85-122		3.08	30	
1,2-Dichloroethane	53		"	50.0		106	71-133		3.08	30	
1,2-Dichloropropane	50		"	50.0		100	81-122		7.63	30	
1,3,5-Trimethylbenzene	50		"	50.0		99.1	82-126		1.40	30	
1,3-Dichlorobenzene	49		"	50.0		97.5	84-124		0.659	30	
1,4-Dichlorobenzene	50		"	50.0		99.2	84-124		3.36	30	
1,4-Dioxane	1100		"	1000		112	10-228		9.94	30	
Cyclohexane	49		"	50.0		98.2	70-130		4.31	30	
2-Butanone	56		"	50.0		111	58-147		10.5	30	
2-Hexanone	42		"	50.0		84.6	70-139		4.12	30	
4-Methyl-2-pentanone	47		"	50.0		93.9	72-132		2.63	30	
Acetone	47		"	50.0		93.4	36-155		9.95	30	
Acrolein	130		"	50.0		261	10-238	High Bias	1.76	30	
Acrylonitrile	53		"	50.0		106	66-141		1.99	30	
Benzene	51		"	50.0		102	77-127		2.00	30	
Bromodichloromethane	54		"	50.0		108	81-124		5.91	30	
Bromoform	53		"	50.0		105	80-136		4.35	30	
Bromomethane	49		"	50.0		99.0	32-177		1.72	30	
Carbon disulfide	48		"	50.0		95.3	10-136		1.33	30	
Carbon tetrachloride	52		"	50.0		103	66-143		4.73	30	
Chlorobenzene	50		"	50.0		99.7	86-120		3.29	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 BL40029 - EPA 5035A

LCS Dup (BL40029-BSD1)

Prepared & Analyzed: 12/01/2014

Chloroethane	50		ug/L	50.0		99.3	51-142		0.303	30	
Chloroform	52		"	50.0		104	76-131		0.232	30	
Chloromethane	45		"	50.0		90.2	49-132		0.332	30	
cis-1,2-Dichloroethylene	50		"	50.0		99.5	74-132		2.79	30	
cis-1,3-Dichloropropylene	53		"	50.0		107	81-129		1.09	30	
Dibromochloromethane	52		"	50.0		103	10-200		4.21	30	
Dibromomethane	53		"	50.0		105	83-124		1.80	30	
Dichlorodifluoromethane	46		"	50.0		91.4	28-158		2.86	30	
Ethyl Benzene	51		"	50.0		102	84-125		2.65	30	
Methylcyclohexane	51		"	50.0		102	70-130		1.61	30	
Hexachlorobutadiene	46		"	50.0		92.7	83-133		3.37	30	
Isopropylbenzene	50		"	50.0		101	81-127		3.16	30	
Methyl acetate	49		"	50.0		98.5	41-143		3.66	30	
Methyl tert-butyl ether (MTBE)	52		"	50.0		105	74-131		2.24	30	
Methylene chloride	42		"	50.0		83.0	57-141		0.774	30	
n-Butylbenzene	49		"	50.0		97.0	80-130		1.33	30	
1,2,3-Trichlorobenzene	48		"	50.0		95.8	81-140		0.104	30	
n-Propylbenzene	50		"	50.0		100	74-136		3.83	30	
o-Xylene	50		"	50.0		100	83-123		0.536	30	
p- & m- Xylenes	71		"	100		71.4	82-128	Low Bias	34.4	30	Non-dir.
p-Isopropyltoluene	48		"	50.0		95.9	85-125		0.416	30	
sec-Butylbenzene	49		"	50.0		98.4	83-125		3.58	30	
Styrene	50		"	50.0		100	86-126		0.990	30	
tert-Butyl alcohol (TBA)	53		"	50.0		106	70-130		6.61	30	
tert-Butylbenzene	51		"	50.0		103	80-127		2.60	30	
Tetrachloroethylene	45		"	50.0		90.6	80-129		1.69	30	
Toluene	51		"	50.0		102	85-121		0.314	30	
trans-1,2-Dichloroethylene	49		"	50.0		98.9	72-132		3.66	30	
trans-1,3-Dichloropropylene	52		"	50.0		104	78-132		3.05	30	
Trichloroethylene	51		"	50.0		101	84-123		0.555	30	
Trichlorofluoromethane	50		"	50.0		100	62-140		0.539	30	
Vinyl Chloride	46		"	50.0		92.2	52-130		3.19	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.4</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>77-125</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>51.0</i>		<i>"</i>	<i>50.0</i>		<i>102</i>	<i>76-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>50.7</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>85-120</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK41274 - EPA 3550C

Blank (BK41274-BLK1)

Prepared: 11/26/2014 Analyzed: 11/30/2014

Acenaphthene	ND	41.7	ug/kg wet
Acenaphthylene	ND	41.7	"
Acetophenone	ND	41.7	"
Anthracene	ND	41.7	"
Atrazine	ND	41.7	"
Benzaldehyde	ND	41.7	"
Benzidine	ND	167	"
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	"
Benzoic acid	ND	41.7	"
Benzo(k)fluoranthene	ND	41.7	"
Benzyl butyl phthalate	ND	41.7	"
1,1'-Biphenyl	ND	41.7	"
4-Bromophenyl phenyl ether	ND	41.7	"
Caprolactam	ND	83.3	"
Carbazole	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	"
1,2-Dichlorobenzene	ND	41.7	"
1,3-Dichlorobenzene	ND	41.7	"
1,4-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	"
1,2-Diphenylhydrazine (as Azobenzene)	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	"



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 BK41274 - EPA 3550C

Blank (BK41274-BLK1)

Prepared: 11/26/2014 Analyzed: 11/30/2014

Isophorone	ND	41.7	ug/kg wet								
2-Methylnaphthalene	ND	41.7	"								
2-Methylphenol	ND	41.7	"								
3- & 4-Methylphenols	ND	41.7	"								
Naphthalene	ND	41.7	"								
4-Nitroaniline	ND	83.3	"								
2-Nitroaniline	ND	83.3	"								
3-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	"								
1,2,4-Trichlorobenzene	ND	41.7	"								
2,4,6-Trichlorophenol	ND	41.7	"								
2,4,5-Trichlorophenol	ND	41.7	"								
<i>Surrogate: 2-Fluorophenol</i>	<i>2020</i>		<i>"</i>	<i>2500</i>		<i>81.0</i>	<i>10-99</i>				
<i>Surrogate: Phenol-d5</i>	<i>2110</i>		<i>"</i>	<i>2510</i>		<i>84.0</i>	<i>10-108</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1280</i>		<i>"</i>	<i>1670</i>		<i>76.7</i>	<i>10-119</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1190</i>		<i>"</i>	<i>1670</i>		<i>71.3</i>	<i>10-114</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>2410</i>		<i>"</i>	<i>2510</i>		<i>96.1</i>	<i>10-106</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>1390</i>		<i>"</i>	<i>1670</i>		<i>83.1</i>	<i>10-123</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK41274 - EPA 3550C

LCS (BK41274-BS1)

Prepared: 11/26/2014 Analyzed: 11/30/2014

Acenaphthene	718	41.7	ug/kg wet	1670		43.1	17-124
Acenaphthylene	701	41.7	"	1670		42.1	16-124
Acetophenone	549	41.7	"	1670		32.9	28-105
Anthracene	787	41.7	"	1670		47.2	24-124
Atrazine	641	41.7	"	1670		38.5	22-120
Benzaldehyde	570	41.7	"	1670		34.2	21-100
Benzo(a)anthracene	814	41.7	"	1670		48.9	25-134
Benzo(a)pyrene	693	41.7	"	1670		41.6	29-144
Benzo(b)fluoranthene	757	41.7	"	1670		45.4	20-151
Benzo(g,h,i)perylene	534	41.7	"	1670		32.0	10-153
Benzoic acid	562	41.7	"	1670		33.7	10-116
Benzo(k)fluoranthene	577	41.7	"	1670		34.6	10-148
Benzyl butyl phthalate	676	41.7	"	1670		40.6	10-132
1,1'-Biphenyl	648	41.7	"	1670		38.9	22-103
4-Bromophenyl phenyl ether	833	41.7	"	1670		50.0	30-138
Caprolactam	720	83.3	"	1670		43.2	10-123
Carbazole	913	41.7	"	1670		54.8	31-120
4-Chloroaniline	648	41.7	"	1670		38.9	10-117
Bis(2-chloroethoxy)methane	703	41.7	"	1670		42.2	10-129
Bis(2-chloroethyl)ether	626	41.7	"	1670		37.6	14-125
Bis(2-chloroisopropyl)ether	713	41.7	"	1670		42.8	14-122
2-Chloronaphthalene	771	41.7	"	1670		46.3	22-115
2-Chlorophenol	701	41.7	"	1670		42.1	25-121
4-Chlorophenyl phenyl ether	697	41.7	"	1670		41.8	18-132
Chrysene	696	41.7	"	1670		41.8	24-116
Dibenzo(a,h)anthracene	596	41.7	"	1670		35.8	17-147
Dibenzofuran	781	41.7	"	1670		46.9	23-123
Di-n-butyl phthalate	722	41.7	"	1670		43.3	19-123
1,2-Dichlorobenzene	716	41.7	"	1670		43.0	26-113
1,3-Dichlorobenzene	701	41.7	"	1670		42.1	32-113
1,4-Dichlorobenzene	672	41.7	"	1670		40.3	28-111
3,3'-Dichlorobenzidine	856	41.7	"	1670		51.4	10-147
2,4-Dichlorophenol	720	41.7	"	1670		43.2	23-133
Diethyl phthalate	737	41.7	"	1670		44.2	23-122
2,4-Dimethylphenol	714	41.7	"	1670		42.8	15-131
Dimethyl phthalate	734	41.7	"	1670		44.0	28-127
4,6-Dinitro-2-methylphenol	996	83.3	"	1670		59.8	10-149
2,4-Dinitrophenol	890	83.3	"	1670		53.4	10-149
2,4-Dinitrotoluene	897	41.7	"	1670		53.8	30-123
2,6-Dinitrotoluene	815	41.7	"	1670		48.9	30-125
Di-n-octyl phthalate	697	41.7	"	1670		41.8	10-132
1,2-Diphenylhydrazine (as Azobenzene)	754	41.7	"	1670		45.3	10-140
Bis(2-ethylhexyl)phthalate	666	41.7	"	1670		39.9	10-141
Fluoranthene	836	41.7	"	1670		50.2	36-125
Fluorene	697	41.7	"	1670		41.8	16-130
Hexachlorobenzene	674	41.7	"	1670		40.5	10-129
Hexachlorobutadiene	620	41.7	"	1670		37.2	22-153
Hexachlorocyclopentadiene	606	41.7	"	1670		36.4	10-134
Hexachloroethane	630	41.7	"	1670		37.8	20-112
Indeno(1,2,3-cd)pyrene	568	41.7	"	1670		34.1	10-155
Isophorone	633	41.7	"	1670		38.0	14-131



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

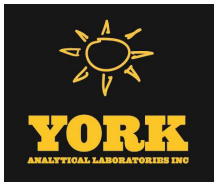
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41274 - EPA 3550C											
LCS (BK41274-BS1)						Prepared: 11/26/2014 Analyzed: 11/30/2014					
2-Methylnaphthalene	634	41.7	ug/kg wet	1670		38.0	16-127				
2-Methylphenol	580	41.7	"	1670		34.8	10-146				
3- & 4-Methylphenols	613	41.7	"	1670		36.8	20-109				
Naphthalene	616	41.7	"	1670		36.9	20-121				
4-Nitroaniline	888	83.3	"	1670		53.3	14-125				
2-Nitroaniline	810	83.3	"	1670		48.6	24-126				
3-Nitroaniline	789	83.3	"	1670		47.3	23-123				
Nitrobenzene	615	41.7	"	1670		36.9	20-121				
2-Nitrophenol	678	41.7	"	1670		40.7	17-129				
4-Nitrophenol	796	83.3	"	1670		47.8	10-136				
N-nitroso-di-n-propylamine	736	41.7	"	1670		44.2	21-119				
N-Nitrosodimethylamine	683	41.7	"	1670		41.0	10-124				
N-Nitrosodiphenylamine	945	41.7	"	1670		56.7	10-163				
Pentachlorophenol	870	41.7	"	1670		52.2	10-143				
Phenanthrene	842	41.7	"	1670		50.5	24-123				
Phenol	602	41.7	"	1670		36.1	15-123				
Pyrene	701	41.7	"	1670		42.1	24-132				
1,2,4-Trichlorobenzene	606	41.7	"	1670		36.3	23-130				
2,4,6-Trichlorophenol	786	41.7	"	1670		47.2	27-122				
2,4,5-Trichlorophenol	787	41.7	"	1670		47.2	14-138				
<i>Surrogate: 2-Fluorophenol</i>	<i>1830</i>		<i>"</i>	<i>2500</i>		<i>73.2</i>	<i>10-99</i>				
<i>Surrogate: Phenol-d5</i>	<i>1690</i>		<i>"</i>	<i>2510</i>		<i>67.4</i>	<i>10-108</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1180</i>		<i>"</i>	<i>1670</i>		<i>70.5</i>	<i>10-119</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1090</i>		<i>"</i>	<i>1670</i>		<i>65.4</i>	<i>10-114</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>2150</i>		<i>"</i>	<i>2510</i>		<i>85.9</i>	<i>30-130</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>1180</i>		<i>"</i>	<i>1670</i>		<i>70.7</i>	<i>10-123</i>				
LCS Dup (BK41274-BS1)						Prepared: 11/26/2014 Analyzed: 11/30/2014					
Acenaphthene	868	41.7	ug/kg wet	1670		52.1	17-124		18.9	30	
Acenaphthylene	927	41.7	"	1670		55.6	16-124		27.7	30	
Acetophenone	ND	41.7	"	1670			28-105	Low Bias		30	
Anthracene	993	41.7	"	1670		59.6	24-124		23.1	30	
Atrazine	1060	41.7	"	1670		63.7	22-120		49.4	30	Non-dir.
Benzaldehyde	1300	41.7	"	1670		78.3	21-100		78.4	30	Non-dir.
Benzo(a)anthracene	1040	41.7	"	1670		62.2	25-134		24.0	30	
Benzo(a)pyrene	811	41.7	"	1670		48.6	29-144		15.7	30	
Benzo(b)fluoranthene	1030	41.7	"	1670		61.9	20-151		30.8	30	Non-dir.
Benzo(g,h,i)perylene	644	41.7	"	1670		38.6	10-153		18.7	30	
Benzoic acid	1200	41.7	"	1670		71.8	10-116		72.1	30	Non-dir.
Benzo(k)fluoranthene	661	41.7	"	1670		39.7	10-148		13.6	30	
Benzyl butyl phthalate	983	41.7	"	1670		59.0	10-132		37.0	30	Non-dir.
1,1'-Biphenyl	ND	41.7	"	1670			22-103	Low Bias		30	
4-Bromophenyl phenyl ether	947	41.7	"	1670		56.8	30-138		12.8	30	
Caprolactam	1140	83.3	"	1670		68.5	10-123		45.3	30	Non-dir.
Carbazole	1110	41.7	"	1670		66.7	31-120		19.6	30	
4-Chloroaniline	746	41.7	"	1670		44.7	10-117		14.0	30	
Bis(2-chloroethoxy)methane	990	41.7	"	1670		59.4	10-129		33.8	30	Non-dir.
Bis(2-chloroethyl)ether	844	41.7	"	1670		50.6	14-125		29.6	30	
Bis(2-chloroisopropyl)ether	1070	41.7	"	1670		63.9	14-122		39.6	30	Non-dir.
2-Chloronaphthalene	922	41.7	"	1670		55.3	22-115		17.8	30	
2-Chlorophenol	1020	41.7	"	1670		61.3	25-121		37.1	30	Non-dir.



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 BK41274 - EPA 3550C											
LCS Dup (BK41274-BSD1)						Prepared: 11/26/2014 Analyzed: 11/30/2014					
4-Chlorophenyl phenyl ether	897	41.7	ug/kg wet	1670		53.8	18-132		25.2	30	
Chrysene	941	41.7	"	1670		56.5	24-116		29.9	30	
Dibenzo(a,h)anthracene	698	41.7	"	1670		41.9	17-147		15.7	30	
Dibenzofuran	1020	41.7	"	1670		61.1	23-123		26.3	30	
Di-n-butyl phthalate	861	41.7	"	1670		51.6	19-123		17.5	30	
1,2-Dichlorobenzene	967	41.7	"	1670		58.0	26-113		29.8	30	
1,3-Dichlorobenzene	977	41.7	"	1670		58.6	32-113		32.8	30	Non-dir.
1,4-Dichlorobenzene	912	41.7	"	1670		54.7	28-111		30.3	30	Non-dir.
3,3'-Dichlorobenzidine	1140	41.7	"	1670		68.5	10-147		28.5	30	
2,4-Dichlorophenol	917	41.7	"	1670		55.0	23-133		24.1	30	
Diethyl phthalate	938	41.7	"	1670		56.3	23-122		23.9	30	
2,4-Dimethylphenol	1000	41.7	"	1670		60.0	15-131		33.5	30	Non-dir.
Dimethyl phthalate	970	41.7	"	1670		58.2	28-127		27.7	30	
4,6-Dinitro-2-methylphenol	1170	83.3	"	1670		70.0	10-149		15.7	30	
2,4-Dinitrophenol	1360	83.3	"	1670		81.9	10-149		42.1	30	Non-dir.
2,4-Dinitrotoluene	1240	41.7	"	1670		74.4	30-123		32.1	30	Non-dir.
2,6-Dinitrotoluene	1150	41.7	"	1670		69.2	30-125		34.4	30	Non-dir.
Di-n-octyl phthalate	943	41.7	"	1670		56.6	10-132		30.0	30	
1,2-Diphenylhydrazine (as Azobenzene)	915	41.7	"	1670		54.9	10-140		19.2	30	
Bis(2-ethylhexyl)phthalate	811	41.7	"	1670		48.6	10-141		19.6	30	
Fluoranthene	967	41.7	"	1670		58.0	36-125		14.5	30	
Fluorene	969	41.7	"	1670		58.1	16-130		32.7	30	Non-dir.
Hexachlorobenzene	775	41.7	"	1670		46.5	10-129		13.9	30	
Hexachlorobutadiene	755	41.7	"	1670		45.3	22-153		19.7	30	
Hexachlorocyclopentadiene	1120	41.7	"	1670		67.0	10-134		59.3	30	Non-dir.
Hexachloroethane	919	41.7	"	1670		55.1	20-112		37.2	30	Non-dir.
Indeno(1,2,3-cd)pyrene	688	41.7	"	1670		41.3	10-155		19.1	30	
Isophorone	936	41.7	"	1670		56.2	14-131		38.7	30	Non-dir.
2-Methylnaphthalene	815	41.7	"	1670		48.9	16-127		25.0	30	
2-Methylphenol	784	41.7	"	1670		47.0	10-146		30.0	30	
3- & 4-Methylphenols	839	41.7	"	1670		50.3	20-109		31.1	30	Non-dir.
Naphthalene	880	41.7	"	1670		52.8	20-121		35.3	30	Non-dir.
4-Nitroaniline	1160	83.3	"	1670		69.6	14-125		26.5	30	
2-Nitroaniline	1130	83.3	"	1670		68.1	24-126		33.4	30	Non-dir.
3-Nitroaniline	972	83.3	"	1670		58.3	23-123		20.8	30	
Nitrobenzene	848	41.7	"	1670		50.9	20-121		31.8	30	Non-dir.
2-Nitrophenol	1010	41.7	"	1670		60.4	17-129		39.0	30	Non-dir.
4-Nitrophenol	1050	83.3	"	1670		62.8	10-136		27.1	30	
N-nitroso-di-n-propylamine	1010	41.7	"	1670		60.5	21-119		31.3	30	Non-dir.
N-Nitrosodimethylamine	1030	41.7	"	1670		61.6	10-124		40.2	30	Non-dir.
N-Nitrosodiphenylamine	1390	41.7	"	1670		83.5	10-163		38.3	30	Non-dir.
Pentachlorophenol	1330	41.7	"	1670		80.1	10-143		42.1	30	Non-dir.
Phenanthrene	973	41.7	"	1670		58.4	24-123		14.4	30	
Phenol	897	41.7	"	1670		53.8	15-123		39.4	30	Non-dir.
Pyrene	1080	41.7	"	1670		65.0	24-132		42.9	30	Non-dir.
1,2,4-Trichlorobenzene	834	41.7	"	1670		50.0	23-130		31.7	30	Non-dir.
2,4,6-Trichlorophenol	1160	41.7	"	1670		69.4	27-122		38.1	30	Non-dir.
2,4,5-Trichlorophenol	998	41.7	"	1670		59.9	14-138		23.6	30	
Surrogate: 2-Fluorophenol	2340		"	2500		93.5	10-99				
Surrogate: Phenol-d5	2280		"	2510		91.1	10-108				
Surrogate: Nitrobenzene-d5	1540		"	1670		92.3	10-119				



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 BK41274 - EPA 3550C

LCS Dup (BK41274-BSD1)

Prepared: 11/26/2014 Analyzed: 11/30/2014

Surrogate: 2-Fluorobiphenyl	1360		ug/kg wet	1670		81.5	10-114				
Surrogate: 2,4,6-Tribromophenol	2400		"	2510		95.9	30-130				
Surrogate: Terphenyl-d14	1760		"	1670		106	10-123				



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 BK41206 - EPA 3550C

Blank (BK41206-BLK1)

Prepared: 11/25/2014 Analyzed: 12/01/2014

Aldrin	ND	0.330	ug/kg wet								
alpha-BHC	ND	0.330	"								
beta-BHC	ND	0.330	"								
delta-BHC	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
gamma-Chlordane	ND	0.330	"								
alpha-Chlordane	ND	0.330	"								
Chlordane, total	ND	1.32	"								
4,4'-DDD	ND	0.330	"								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	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	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
Toxaphene	ND	16.7	"								
Surrogate: Decachlorobiphenyl	48.4		"	66.7		72.6	30-140				
Surrogate: Tetrachloro-m-xylene	54.0		"	66.7		81.0	30-140				

LCS (BK41206-BS1)

Prepared: 11/25/2014 Analyzed: 12/01/2014

Aldrin	28.1	0.330	ug/kg wet	33.3		84.3	40-140				
alpha-BHC	26.5	0.330	"	33.3		79.4	40-140				
beta-BHC	27.3	0.330	"	33.3		81.8	40-140				
delta-BHC	28.8	0.330	"	33.3		86.5	40-140				
gamma-BHC (Lindane)	27.9	0.330	"	33.3		83.8	40-140				
gamma-Chlordane	26.5	0.330	"	33.3		79.4	40-140				
alpha-Chlordane	27.0	0.330	"	33.3		80.9	40-140				
4,4'-DDD	36.4	0.330	"	33.3		109	40-140				
4,4'-DDE	31.8	0.330	"	33.3		95.4	40-140				
4,4'-DDT	33.3	0.330	"	33.3		99.9	40-140				
Dieldrin	27.3	0.330	"	33.3		81.8	40-140				
Endosulfan I	26.2	0.330	"	33.3		78.7	40-140				
Endosulfan II	28.6	0.330	"	33.3		85.7	40-140				
Endosulfan sulfate	29.1	0.330	"	33.3		87.2	40-140				
Endrin	27.7	0.330	"	33.3		83.1	40-140				
Endrin aldehyde	22.8	0.330	"	33.3		68.4	40-140				
Endrin ketone	30.4	0.330	"	33.3		91.2	40-140				
Heptachlor	25.5	0.330	"	33.3		76.6	40-140				
Heptachlor epoxide	26.4	0.330	"	33.3		79.2	40-140				
Methoxychlor	33.4	1.65	"	33.3		100	40-140				
Surrogate: Decachlorobiphenyl	49.4		"	66.7		74.1	30-140				
Surrogate: Tetrachloro-m-xylene	54.0		"	66.7		80.9	30-140				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK41206 - EPA 3550C

LCS Dup (BK41206-BSD1)

Prepared: 11/25/2014 Analyzed: 12/01/2014

Aldrin	27.2	0.330	ug/kg wet	33.3		81.7	40-140		3.05	30	
alpha-BHC	26.1	0.330	"	33.3		78.3	40-140		1.38	30	
beta-BHC	27.0	0.330	"	33.3		80.9	40-140		1.11	30	
delta-BHC	28.0	0.330	"	33.3		84.0	40-140		2.90	30	
gamma-BHC (Lindane)	27.3	0.330	"	33.3		81.9	40-140		2.19	30	
gamma-Chlordane	25.5	0.330	"	33.3		76.5	40-140		3.72	30	
alpha-Chlordane	26.1	0.330	"	33.3		78.2	40-140		3.46	30	
4,4'-DDD	34.5	0.330	"	33.3		104	40-140		5.37	30	
4,4'-DDE	30.4	0.330	"	33.3		91.1	40-140		4.61	30	
4,4'-DDT	31.5	0.330	"	33.3		94.6	40-140		5.43	30	
Dieldrin	26.1	0.330	"	33.3		78.2	40-140		4.42	30	
Endosulfan I	25.2	0.330	"	33.3		75.7	40-140		3.90	30	
Endosulfan II	27.2	0.330	"	33.3		81.5	40-140		5.02	30	
Endosulfan sulfate	27.3	0.330	"	33.3		82.0	40-140		6.18	30	
Endrin	26.6	0.330	"	33.3		79.8	40-140		4.07	30	
Endrin aldehyde	21.6	0.330	"	33.3		64.7	40-140		5.56	30	
Endrin ketone	29.2	0.330	"	33.3		87.7	40-140		3.90	30	
Heptachlor	25.0	0.330	"	33.3		74.9	40-140		2.22	30	
Heptachlor epoxide	25.3	0.330	"	33.3		75.9	40-140		4.29	30	
Methoxychlor	31.9	1.65	"	33.3		95.6	40-140		4.55	30	
Surrogate: Decachlorobiphenyl	48.0		"	66.7		72.1	30-140				
Surrogate: Tetrachloro-m-xylene	51.5		"	66.7		77.2	30-140				

Matrix Spike (BK41206-MS1)

*Source sample: 14K0838-01 (B1 Comp (0-3))

Prepared: 11/25/2014 Analyzed: 12/01/2014

Aldrin	18.9	1.88	ug/kg dry	38.1	ND	49.6	30-150				
alpha-BHC	23.4	1.88	"	38.1	ND	61.5	30-150				
beta-BHC	25.3	1.88	"	38.1	ND	66.4	30-150				
delta-BHC	17.5	1.88	"	38.1	ND	46.0	30-150				
gamma-BHC (Lindane)	24.1	1.88	"	38.1	ND	63.2	30-150				
gamma-Chlordane	18.1	1.88	"	38.1	ND	47.6	30-150				
alpha-Chlordane	22.1	1.88	"	38.1	ND	58.2	30-150				
4,4'-DDD	25.9	1.88	"	38.1	ND	68.0	30-150				
4,4'-DDE	26.1	1.88	"	38.1	ND	68.4	30-150				
4,4'-DDT	23.3	1.88	"	38.1	ND	61.2	30-150				
Dieldrin	18.5	1.88	"	38.1	ND	48.5	30-150				
Endosulfan I	15.0	1.88	"	38.1	ND	39.3	30-150				
Endosulfan II	20.0	1.88	"	38.1	ND	52.6	30-150				
Endosulfan sulfate	22.3	1.88	"	38.1	ND	58.5	30-150				
Endrin	20.5	1.88	"	38.1	ND	53.8	30-150				
Endrin aldehyde	20.6	1.88	"	38.1	ND	54.1	30-150				
Endrin ketone	22.1	1.88	"	38.1	ND	58.0	30-150				
Heptachlor	16.8	1.88	"	38.1	ND	44.2	30-150				
Heptachlor epoxide	23.8	1.88	"	38.1	ND	62.4	30-150				
Methoxychlor	24.4	9.42	"	38.1	ND	64.0	30-150				
Surrogate: Decachlorobiphenyl	51.0		"	76.2		67.0	30-140				
Surrogate: Tetrachloro-m-xylene	40.0		"	76.2		52.5	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 BK41206 - EPA 3550C

Blank (BK41206-BLK1)

Prepared: 11/25/2014 Analyzed: 12/01/2014

Aroclor 1016	ND	0.0167	mg/kg wet
Aroclor 1221	ND	0.0167	"
Aroclor 1232	ND	0.0167	"
Aroclor 1242	ND	0.0167	"
Aroclor 1248	ND	0.0167	"
Aroclor 1254	ND	0.0167	"
Aroclor 1260	ND	0.0167	"
Total PCBs	ND	0.0167	"

Surrogate: Tetrachloro-m-xylene

0.0560

"

0.0667

84.0

30-140

Surrogate: Decachlorobiphenyl

0.0487

"

0.0667

73.0

30-140

LCS (BK41206-BS2)

Prepared: 11/25/2014 Analyzed: 12/01/2014

Aroclor 1016	0.335	0.0167	mg/kg wet	0.333	101	40-130
Aroclor 1260	0.324	0.0167	"	0.333	97.3	40-130

Surrogate: Tetrachloro-m-xylene

0.0580

"

0.0667

87.0

30-140

Surrogate: Decachlorobiphenyl

0.0527

"

0.0667

79.0

30-140



Gas Chromatography/Flame Ionization Detector - 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 BK41145 - EPA 3545A

Blank (BK41145-BLK1)						Prepared: 11/24/2014 Analyzed: 11/25/2014					
Total EPH	ND	50.0	mg/kg wet								
Surrogate: 1-Chlorooctadecane	8.17		"	10.0		81.7	40-140				
Surrogate: o-Terphenyl	8.31		"	10.0		83.1	40-140				
LCS (BK41145-BS1)						Prepared: 11/24/2014 Analyzed: 11/25/2014					
Total EPH	398	50.0	mg/kg wet	360		111	40-140				
Surrogate: 1-Chlorooctadecane	9.48		"	10.0		94.8	40-140				
Surrogate: o-Terphenyl	8.17		"	10.0		81.7	40-140				
LCS Dup (BK41145-BSD1)						Prepared: 11/24/2014 Analyzed: 11/25/2014					
Total EPH	328	50.0	mg/kg wet	360		91.1	40-140		19.3	30	
Surrogate: 1-Chlorooctadecane	8.74		"	10.0		87.4	40-140				
Surrogate: o-Terphenyl	7.74		"	10.0		77.4	40-140				

Batch BK41205 - EPA 3545A

Blank (BK41205-BLK1)						Prepared: 11/25/2014 Analyzed: 11/26/2014					
Total EPH	ND	50.0	mg/kg wet								
Surrogate: 1-Chlorooctadecane	8.58		"	10.0		85.8	40-140				
Surrogate: o-Terphenyl	8.69		"	10.0		86.9	40-140				
LCS (BK41205-BS1)						Prepared: 11/25/2014 Analyzed: 11/26/2014					
Total EPH	242	50.0	mg/kg wet	360		67.2	40-140				
Surrogate: 1-Chlorooctadecane	7.09		"	10.0		70.9	40-140				
Surrogate: o-Terphenyl	7.12		"	10.0		71.2	40-140				
LCS Dup (BK41205-BSD1)						Prepared: 11/25/2014 Analyzed: 11/26/2014					
Total EPH	273	50.0	mg/kg wet	360		75.9	40-140		12.2	30	
Surrogate: 1-Chlorooctadecane	8.46		"	10.0		84.6	40-140				
Surrogate: o-Terphenyl	8.16		"	10.0		81.6	40-140				



Gas Chromatography/Flame Ionization Detector - 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 BK41205 - EPA 3545A

Duplicate (BK41205-DUP1)		*Source sample: 14K0838-09 (B1 Comp (12-15))						Prepared: 11/25/2014 Analyzed: 11/26/2014			
Total EPH	980	55.6	mg/kg dry		647				41.0	200	
Surrogate: 1-Chlorooctadecane	7.25		"	11.1		65.2	40-140				
Surrogate: o-Terphenyl	7.85		"	11.1		70.6	40-140				
Matrix Spike (BK41205-MS1)		*Source sample: 14K0838-09 (B1 Comp (12-15))						Prepared: 11/25/2014 Analyzed: 11/26/2014			
Total EPH	1410	55.6	mg/kg dry	400	647	192	40-140	High Bias			
Surrogate: 1-Chlorooctadecane	8.96		"	11.1		80.6	40-140				
Surrogate: o-Terphenyl	9.84		"	11.1		88.5	40-140				



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 BL40064 - EPA 3010A/1311

Blank (BL40064-BLK1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Arsenic	ND	0.004	mg/L
Barium	ND	0.010	"
Cadmium	ND	0.003	"
Chromium	ND	0.005	"
Lead	ND	0.003	"
Selenium	ND	0.010	"
Silver	ND	0.005	"

Blank (BL40064-BLK2)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Arsenic	ND	0.004	mg/L
Barium	ND	0.010	"
Cadmium	ND	0.003	"
Chromium	ND	0.005	"
Lead	ND	0.003	"
Selenium	ND	0.010	"
Silver	ND	0.005	"

Duplicate (BL40064-DUP1)

*Source sample: 14K0838-01 (B1 Comp (0-3))

Prepared: 12/01/2014 Analyzed: 12/02/2014

Arsenic	ND	0.004	mg/L	ND	20
Barium	1.20	0.010	"	1.19	0.708 20
Cadmium	0.011	0.003	"	0.011	0.336 20
Chromium	ND	0.005	"	ND	20
Lead	3.17	0.003	"	3.17	0.0359 20
Selenium	ND	0.010	"	ND	20
Silver	ND	0.005	"	ND	20

Matrix Spike (BL40064-MS1)

*Source sample: 14K0838-01 (B1 Comp (0-3))

Prepared: 12/01/2014 Analyzed: 12/02/2014

Arsenic	1.98	0.004	mg/L	2.00	ND	98.9	75-125
Barium	2.95	0.010	"	2.00	1.19	87.9	75-125
Cadmium	0.054	0.003	"	0.0500	0.011	86.7	75-125
Chromium	0.169	0.005	"	0.200	ND	84.3	75-125
Lead	3.53	0.003	"	0.500	3.17	72.9	75-125
Selenium	2.20	0.010	"	2.00	ND	110	75-125
Silver	0.045	0.005	"	0.0500	ND	89.0	75-125

Low Bias



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 BL40064 - EPA 3010A/1311

Reference (BL40064-SRM1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Arsenic	0.391	0.004	mg/L	0.438		89.2	83.3-116				
Barium	0.393	0.010	"	0.365		108	84.9-115				
Cadmium	0.338	0.003	"	0.334		101	85-115				
Chromium	0.774	0.005	"	0.797		97.1	84.9-115				
Lead	1.48	0.003	"	1.47		101	85-115				
Selenium	0.460	0.010	"	0.521		88.2	85-115				
Silver	0.377	0.005	"	0.384		98.3	84.9-115				

Batch BL40090 - EPA 3050B

Blank (BL40090-BLK1)

Prepared & Analyzed: 12/02/2014

Aluminum	ND	1.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.300	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.00	"								



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 BL40090 - EPA 3050B

Duplicate (BL40090-DUP1)		*Source sample: 14K0838-05 (B1 Comp (6-9))					Prepared & Analyzed: 12/02/2014				
Aluminum	8390	1.22	mg/kg dry		8440				0.666	35	
Antimony	ND	0.612	"		ND					35	
Arsenic	19.3	1.22	"		19.1				1.28	35	
Barium	71.7	1.22	"		72.5				1.16	35	
Beryllium	ND	0.122	"		ND					35	
Cadmium	ND	0.367	"		ND					35	
Calcium	1700	6.12	"		1720				1.02	35	
Chromium	25.9	0.612	"		26.0				0.615	35	
Cobalt	11.4	0.612	"		11.4				0.471	35	
Copper	25.6	0.612	"		25.6				0.165	35	
Iron	34800	2.45	"		34600				0.731	35	
Lead	36.6	0.367	"		36.8				0.585	35	
Magnesium	2840	6.12	"		2870				1.15	35	
Manganese	279	0.612	"		278				0.532	35	
Nickel	10.8	0.612	"		10.3				4.13	35	
Potassium	1570	6.12	"		1600				1.37	35	
Selenium	4.96	1.22	"		3.92				23.4	35	
Silver	ND	0.612	"		ND					35	
Sodium	153	12.2	"		157				2.31	35	
Thallium	ND	1.22	"		ND					35	
Vanadium	48.0	1.22	"		48.3				0.528	35	
Zinc	77.1	1.22	"		77.7				0.853	35	

Matrix Spike (BL40090-MS1)		*Source sample: 14K0838-05 (B1 Comp (6-9))					Prepared & Analyzed: 12/02/2014				
Aluminum	8610	1.22	mg/kg dry	245	8440	67.9	75-125	Low Bias			
Antimony	29.8	0.612	"	30.6	ND	97.3	75-125				
Arsenic	253	1.22	"	245	19.1	95.4	75-125				
Barium	338	1.22	"	245	72.5	109	75-125				
Beryllium	4.62	0.122	"	6.12	ND	75.5	75-125				
Cadmium	5.28	0.367	"	6.12	ND	86.2	75-125				
Chromium	49.8	0.612	"	24.5	26.0	96.8	75-125				
Cobalt	74.2	0.612	"	61.2	11.4	102	75-125				
Copper	58.5	0.612	"	30.6	25.6	107	75-125				
Iron	35000	2.45	"	122	34600	357	75-125	High Bias			
Lead	94.6	0.367	"	61.2	36.8	94.5	75-125				
Magnesium	2840	6.12	"		2870		75-125				
Manganese	341	0.612	"	61.2	278	104	75-125				
Nickel	74.4	0.612	"	61.2	10.3	105	75-125				
Potassium	1580	6.12	"		1600		75-125				
Silver	3.15	0.612	"	6.12	ND	51.5	75-125	Low Bias			
Sodium	153	12.2	"		157		75-125				
Thallium	237	1.22	"	245	ND	96.7	75-125				
Vanadium	109	1.22	"	61.2	48.3	99.6	75-125				
Zinc	137	1.22	"	61.2	77.7	97.5	75-125				



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

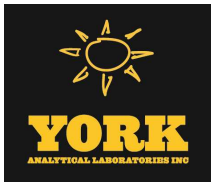
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BL40090 - EPA 3050B

Reference (BL40090-SRM1)

Prepared & Analyzed: 12/02/2014

Aluminum	7540	1.00	mg/kg wet	8740		86.2	41.6-158				
Antimony	114	0.500	"	108		106	23-255				
Arsenic	152	1.00	"	151		100	70.9-130				
Barium	276	1.00	"	262		105	73.7-126				
Beryllium	134	0.100	"	133		100	75.1-125				
Cadmium	147	0.300	"	152		96.9	73-126				
Calcium	6340	5.00	"	6400		99.1	73.9-126				
Chromium	115	0.500	"	117		97.9	69.7-130				
Cobalt	72.2	0.500	"	68.7		105	74.4-126				
Copper	74.0	0.500	"	68.6		108	73.2-129				
Iron	12300	2.00	"	12300		99.9	30.5-170				
Lead	244	0.300	"	254		96.0	75.6-125				
Magnesium	3470	5.00	"	3600		96.4	68.3-132				
Manganese	565	0.500	"	563		100	77.4-123				
Nickel	326	0.500	"	315		103	74.3-127				
Potassium	2970	5.00	"	3040		97.6	62.5-137				
Selenium	166	1.00	"	162		103	67.3-132				
Silver	43.7	0.500	"	44.3		98.7	66.4-124				
Sodium	837	10.0	"	746		112	56.8-143				
Thallium	256	1.00	"	259		98.9	69.5-131				
Vanadium	115	1.00	"	116		98.8	67.5-132				
Zinc	297	1.00	"	306		97.2	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 BK41182 - EPA 7473 soil

Blank (BK41182-BLK1)

Prepared & Analyzed: 11/25/2014

Mercury ND 0.0300 mg/kg wet

Reference (BK41182-SRM1)

Prepared & Analyzed: 11/25/2014

Mercury 4.5139 mg/kg 3.73 121 68.6-131

Batch BK41202 - EPA 7473 water

Blank (BK41202-BLK1)

Prepared: 11/25/2014 Analyzed: 11/26/2014

Mercury ND 0.000200 mg/L

Reference (BK41202-SRM1)

Prepared: 11/25/2014 Analyzed: 11/26/2014

Mercury 0.00259 mg/L 0.00230 113 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 BL40025 - % Solids Prep

Duplicate (BL40025-DUP1)		*Source sample: 14K0838-10 (B1 Grab (12-15))						Prepared & Analyzed: 12/01/2014			
% Solids	90.4	0.100	%		90.0				0.509	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 BK41136 - EPA SW 846-1311 TCLP ext. for metals

Blank (BK41136-BLK1)								Prepared: 11/24/2014 Analyzed: 11/25/2014			
TCLP Extraction	Completed	1.00	N/A								

Batch BL40017 - EPA SW846-3060

Blank (BL40017-BLK1)								Prepared & Analyzed: 12/01/2014			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BL40017-SRM1)								Prepared & Analyzed: 12/01/2014			
Chromium, Hexavalent	98.8		mg/L	125		79.0	20.2-180				

Batch BL40087 - EPA SW846-3060

Blank (BL40087-BLK1)								Prepared & Analyzed: 12/02/2014			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BL40087-SRM1)								Prepared & Analyzed: 12/02/2014			
Chromium, Hexavalent	88.4		mg/L	125		70.7	20.2-180				

Batch BL40194 - Analysis Preparation

Blank (BL40194-BLK1)								Prepared & Analyzed: 12/03/2014			
Reactivity - Cyanide	ND	0.250	mg/kg								

Batch BL40195 - Analysis Preparation

Blank (BL40195-BLK1)								Prepared & Analyzed: 12/03/2014			
Reactivity - Sulfide	ND	15.0	mg/kg								



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 BL40195 - Analysis Preparation

LCS (BL40195-BS1)

Prepared & Analyzed: 12/03/2014

Reactivity - Sulfide	208	15.0	mg/kg	250	83.2	30-150

Duplicate (BL40195-DUP1)

*Source sample: 14K0838-01 (B1 Comp (0-3))

Prepared & Analyzed: 12/03/2014

Reactivity - Sulfide	24.0	15.0	mg/kg	24.0	0.00	50



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14K0838-02	B1 Grab (0-3)	2 oz. WM Clear Glass Cool to 4° C
14K0838-04	B1 Grab (3-6)	2 oz. WM Clear Glass Cool to 4° C
14K0838-06	B1 Grab (6-9)	2 oz. WM Clear Glass Cool to 4° C
14K0838-08	B1 Grab (9-12)	2 oz. WM Clear Glass Cool to 4° C
14K0838-10	B1 Grab (12-15)	2 oz. WM Clear Glass Cool to 4° C



Notes and Definitions

JN	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20% AND correlation coefficient <0.990 for quadratic fit).
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).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
EXT-COMP	Completed
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
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.
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.
S-08	The recovery of this surrogate was outside of QC limits.
M-HCSpk	Sample conc. >10 X spike conc.
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.
PF-01	No Free Liquid
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.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
IGN-01	Non-Ignit.

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.



MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK

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. 14K0838

Page 1 of 1

YOUR INFORMATION		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: EBC		SAME ☒		SAME ☒		Grid Section B1		RUSH-Same Day		Summary Report	X
Address: 1808 Middle Country Rd		Name:		Name:		25 Kent Avenue, Brooklyn, NY		RUSH-Next Day		QA Report	
Ridge, New York 11961		Company:		Company:		Purchase Order #		RUSH-Two Day		CT RCP	
Phone: 631.504.6000		Address:		Address:				RUSH-Three Day		CT RCP DQA/DUE Pkg	
Contact: Charles Sosik								RUSH-Four Day		NY ASP A Package	
E-mail: Csosik@ebclnyc.com		E-mail:		E-mail:		Samples from CT_NY_X_NJ		Standard (5-7day)	X	NY ASP B Package	

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

Sunny Chen
Samples Collected/Authorized By (Signature)
Sunny Chen
Name (printed)

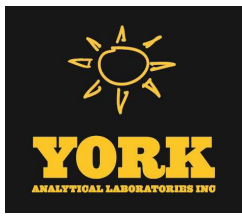
Sample Identification	Date/Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
B1 Comp (0-3)	11-21-14 8:00	Soil	SVOCS (TCL+10, NUDEP SCC List, NUDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Paint Filler, Hex Cr, EPH	Two 8oz Soil Jars
B1 Grab (0-3)	8:30	Soil	VOCs (TCL+10, NUDEP SCC List, NUDEP SRS List)	4 oz Soil Jar
B1 Comp (3-6)	8:38	Soil	SVOCS (TCL+10, NUDEP SCC List, NUDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Hex Cr, EPH	Two 8oz Soil Jars
B1 Grab (3-6)	8:37	Soil	VOCs (TCL+10, NUDEP SCC List, NUDEP SRS List)	4 oz Soil Jar
B1 Comp (6-9)	9:00	Soil	SVOCS (TCL+10, NUDEP SCC List, NUDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Hex Cr, EPH	Two 8oz Soil Jars
B1 Grab (6-9)	9:30	Soil	VOCs (TCL+10, NUDEP SCC List, NUDEP SRS List)	4 oz Soil Jar
B1 Comp (9-12)	9:45	Soil	SVOCS (TCL+10, NUDEP SCC List, NUDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Hex Cr, EPH	Two 8oz Soil Jars
B1 Grab (9-12)	1:00	Soil	VOCs (TCL+10, NUDEP SCC List, NUDEP SRS List)	4 oz Soil Jar
B1 Comp (12-15)	1:30	Soil	SVOCS (TCL+10, NUDEP SCC List, NUDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Hex Cr, EPH	Two 8oz Soil Jars
B1 Grab (12-15)	1:36	Soil	VOCs (TCL+10, NUDEP SCC List, NUDEP SRS List)	4 oz Soil Jar

Comments:

Preservation (check all applicable)

Special Instructions
Field Filtered ☐
Lab-to Filter ☐

11/21/14
Samples Relinquished By *Sunny Chen* Date/Time 11/21/14
Samples Relinquished By *Sunny Chen* Date/Time 11/21/14
Samples Received By *Sunny Chen* Date/Time 11/21/14
Temperature on Receipt 50°C



Technical Report

prepared for:

Environmental Business Consultants

1808 Middle Country Rd.

Ridge NY, 11961

Attention: Charles Sosik

Report Date: 12/04/2014

Client Project ID: Grid Section C2 25 Kent Avenue, Brooklyn, NY

York Project (SDG) No.: 14K0841

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 12/04/2014
Client Project ID: Grid Section C2 25 Kent Avenue, Brooklyn, NY
York Project (SDG) No.: 14K0841

Environmental Business Consultants
1808 Middle Country Rd.
Ridge NY, 11961
Attention: Charles Sosik

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 21, 2014 and listed below. The project was identified as your project: **Grid Section C2 25 Kent Avenue, Brooklyn, NY.**

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0841-01	C2 Comp (0-3)	Soil	11/21/2014	11/21/2014
14K0841-02	C2 Grab (0-3)	Soil	11/21/2014	11/21/2014
14K0841-03	C2 Comp (3-6)	Soil	11/21/2014	11/21/2014
14K0841-04	C2 Grab (3-6)	Soil	11/21/2014	11/21/2014
14K0841-05	C2 Comp (6-9)	Soil	11/21/2014	11/21/2014
14K0841-06	C2 Grab (6-9)	Soil	11/21/2014	11/21/2014
14K0841-07	C2 Comp (9-12)	Soil	11/21/2014	11/21/2014
14K0841-08	C2 Grab (9-12)	Soil	11/21/2014	11/21/2014
14K0841-09	C2 Comp (12-15)	Soil	11/21/2014	11/21/2014
14K0841-10	C2 Grab (12-15)	Soil	11/21/2014	11/21/2014
14K0841-11	C2 Comp (15-18)	Soil	11/21/2014	11/21/2014
14K0841-12	C2 Grab (15-18)	Soil	11/21/2014	11/21/2014

General Notes for York Project (SDG) No.: 14K0841

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/04/2014





Sample Information

Client Sample ID: C2 Comp (0-3)

York Sample ID: 14K0841-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:41 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	365	J	ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
208-96-8	Acenaphthylene	241	J	ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
98-86-2	Acetophenone	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
120-12-7	Anthracene	723		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
1912-24-9	Atrazine	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
92-87-5	Benzidine	ND		ug/kg dry	755	1510	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
56-55-3	Benzo(a)anthracene	1760	CCV-E	ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
50-32-8	Benzo(a)pyrene	1170		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
205-99-2	Benzo(b)fluoranthene	1220		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
191-24-2	Benzo(g,h,i)perylene	705	CCV-E	ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
65-85-0	Benzoic acid	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
207-08-9	Benzo(k)fluoranthene	1190		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
105-60-2	Caprolactam	ND		ug/kg dry	377	753	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
86-74-8	Carbazole	289	J	ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
218-01-9	Chrysene	1650		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
53-70-3	Dibenzo(a,h)anthracene	368	J	ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
84-74-2	Di-n-butyl phthalate	410	B	ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH



Sample Information

Client Sample ID: C2 Comp (0-3)

York Sample ID: 14K0841-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:41 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	377	753	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	377	753	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
206-44-0	Fluoranthene	3340		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
86-73-7	Fluorene	322	J	ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
193-39-5	Indeno(1,2,3-cd)pyrene	660		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
78-59-1	Isophorone	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
91-57-6	2-Methylnaphthalene	220	J	ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
91-20-3	Naphthalene	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	377	753	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	377	753	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	377	753	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	377	753	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
85-01-8	Phenanthrene	2600		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
108-95-2	Phenol	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
129-00-0	Pyrene	2900		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH



Sample Information

Client Sample ID: C2 Comp (0-3)

York Sample ID: 14K0841-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:41 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	189	377	5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	85.1 %			10-99						
4165-62-2	Surrogate: Phenol-d5	101 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	137 %	S-08		10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	92.1 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	104 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	106 %			10-123						

Semi-Volatiles, Tentatively Identified Cmpds.

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
007206-16-8	5-Dodecene, (E)-	7520	JN	ug/kg dry			5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
001606-08-2	Cyclopentylcyclohexane	6250	JN	ug/kg dry			5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
124-18-5	Decane	7040	JN	ug/kg dry			5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
112-40-3	Dodecane	17700	JN	ug/kg dry			5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
003891-98-3	Dodecane, 2,6,10-trimethyl-	7660	JN	ug/kg dry			5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
001560-97-0	Dodecane, 2-methyl-	6510	JN	ug/kg dry			5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
015869-94-0	Octane, 3,6-dimethyl-	12300	JN	ug/kg dry			5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
629-59-4	Tetradecane	16900	JN	ug/kg dry			5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
629-50-5	tridecane	21100	JN	ug/kg dry			5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH
055045-10-8	Tridecane, 6-propyl-	8270	JN	ug/kg dry			5	EPA 8270D	12/01/2014 12:00	12/02/2014 11:47	KH

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.96	7.96	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW



Sample Information

Client Sample ID: C2 Comp (0-3)

York Sample ID: 14K0841-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:41 am

11/21/2014

Pesticides, NJDEP/TCL/Part 375 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
60-57-1	Dieldrin	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
72-20-8	Endrin	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.95	9.95	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
8001-35-2	Toxaphene	ND		ug/kg dry	101	101	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:53	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	88.4 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	60.6 %		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	0.0201	0.0201	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:34	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:34	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:34	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:34	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:34	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:34	AMC
11096-82-5	Aroclor 1260	0.0327		mg/kg dry	0.0201	0.0201	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:34	AMC
1336-36-3	* Total PCBs	0.0327		mg/kg dry	0.0201	0.0201	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:34	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	56.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	63.5 %		30-140							



Sample Information

Client Sample ID: C2 Comp (0-3)

York Sample ID: 14K0841-01

York Project (SDG) No.

14K0841

Client Project ID

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 9:41 am

Date Received

11/21/2014

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		572		mg/kg dry	60.3	60.3	1	NJDEP EPH Rev 3.0	11/25/2014 16:00	12/01/2014 11:55	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	70.3 %		40-140							
84-15-1	Surrogate: o-Terphenyl	68.5 %		40-140							

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	6660		mg/kg dry	1.21	1.21	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7440-36-0	Antimony	0.843		mg/kg dry	0.603	0.603	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7440-38-2	Arsenic	9.43		mg/kg dry	1.21	1.21	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7440-39-3	Barium	165		mg/kg dry	1.21	1.21	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.121	0.121	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.362	0.362	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7440-70-2	Calcium	12400		mg/kg dry	0.603	6.03	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7440-47-3	Chromium	15.6		mg/kg dry	0.603	0.603	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7440-48-4	Cobalt	8.49		mg/kg dry	0.603	0.603	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7440-50-8	Copper	283		mg/kg dry	0.603	0.603	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7439-89-6	Iron	20700		mg/kg dry	2.41	2.41	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7439-92-1	Lead	332		mg/kg dry	0.362	0.362	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7439-95-4	Magnesium	5380		mg/kg dry	6.03	6.03	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7439-96-5	Manganese	1270		mg/kg dry	0.603	0.603	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7440-02-0	Nickel	17.5		mg/kg dry	0.603	0.603	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7440-09-7	Potassium	1050		mg/kg dry	6.03	6.03	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7782-49-2	Selenium	3.19		mg/kg dry	1.21	1.21	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7440-22-4	Silver	ND		mg/kg dry	0.603	0.603	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7440-23-5	Sodium	214		mg/kg dry	12.1	12.1	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7440-28-0	Thallium	ND		mg/kg dry	1.21	1.21	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7440-62-2	Vanadium	29.3		mg/kg dry	1.21	1.21	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW
7440-66-6	Zinc	323		mg/kg dry	1.21	1.21	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:41	MW

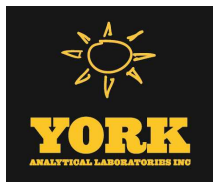
Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 13:55	MW
7440-39-3	Barium	0.791		mg/L	0.010	0.010	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 13:55	MW



Sample Information

Client Sample ID: C2 Comp (0-3)

York Sample ID: 14K0841-01

York Project (SDG) No.

14K0841

Client Project ID

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 9:41 am

Date Received

11/21/2014

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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/1311	12/02/2014 10:03	12/02/2014 13:55	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 13:55	MW
7439-92-1	Lead	0.098	B	mg/L	0.003	0.003	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 13:55	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 13:55	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 13:55	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.587		mg/kg dry	0.0362	0.0362	1	EPA 7473	11/26/2014 06:58	11/26/2014 09:45	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/26/2014 07:02	11/26/2014 12:31	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:10	11/26/2014 17:25	AA

Paint Filter Test

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
	* Paint Filter Test	No Free Liquid		-	0	0	1	EPA 9095A	12/01/2014 12:48	12/01/2014 13:07	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.9		%	0.100	0.100	1	SM 2540G	11/26/2014 07:31	11/26/2014 10:26	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



Sample Information

Client Sample ID: C2 Comp (0-3)

York Sample ID: 14K0841-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:41 am

11/21/2014

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	0.422	0.603	1	EPA 7196A	12/02/2014 07:40	12/02/2014 14:51	SC

Corrosivity

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
	pH	8.80	HT-pH	pH units		0.500	1	EPA 9045D	12/01/2014 14:24	12/02/2014 15:56	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/04/2014 14:20	12/04/2014 19:37	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	16.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/04/2014 14:23	12/04/2014 19:28	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: C2 Grab (0-3)

York Sample ID: 14K0841-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:45 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK



Sample Information

Client Sample ID: C2 Grab (0-3)

York Sample ID: 14K0841-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:45 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	220	440	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
110-82-7	Cyclohexane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
591-78-6	2-Hexanone	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
67-64-1	Acetone	12	Cal-E, J, B	ug/kg dry	11	22	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
107-02-8	Acrolein	ND		ug/kg dry	11	22	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
71-43-2	Benzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
75-25-2	Bromoform	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
67-66-3	Chloroform	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK



Sample Information

Client Sample ID: C2 Grab (0-3)

York Sample ID: 14K0841-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:45 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
79-20-9	Methyl acetate	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
75-09-2	Methylene chloride	ND		ug/kg dry	11	22	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	22	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
100-42-5	Styrene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	11	22	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
108-88-3	Toluene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	17	33	1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	102 %	76-130								
2037-26-5	Surrogate: Toluene-d8	101 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

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



Sample Information

Client Sample ID: C2 Grab (0-3)

York Sample ID: 14K0841-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:45 am

11/21/2014

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	12/01/2014 08:56	12/01/2014 15:44	BK

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.5		%	0.100	0.100	1	SM 2540G	11/26/2014 07:31	11/26/2014 10:26	SCA

Sample Information

Client Sample ID: C2 Comp (3-6)

York Sample ID: 14K0841-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:50 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
98-86-2	Acetophenone	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
120-12-7	Anthracene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
1912-24-9	Atrazine	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
92-87-5	Benzidine	ND		ug/kg dry	138	277	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
65-85-0	Benzoic acid	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
105-60-2	Caprolactam	ND		ug/kg dry	69.1	138	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
86-74-8	Carbazole	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR



Sample Information

Client Sample ID: C2 Comp (3-6)

York Sample ID: 14K0841-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:50 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
218-01-9	Chrysene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	69.1	138	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	69.1	138	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
117-81-7	Bis(2-ethylhexyl)phthalate	270		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
206-44-0	Fluoranthene	48.1	J	ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
86-73-7	Fluorene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
78-59-1	Isophorone	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR



Sample Information

Client Sample ID: C2 Comp (3-6)

York Sample ID: 14K0841-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:50 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
91-20-3	Naphthalene	149		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	69.1	138	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	69.1	138	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	69.1	138	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	69.1	138	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
85-01-8	Phenanthrene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
108-95-2	Phenol	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
129-00-0	Pyrene	51.4	J	ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	34.6	69.1	1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	26.8 %	10-99								
4165-62-2	Surrogate: Phenol-d5	54.1 %	10-108								
4165-60-0	Surrogate: Nitrobenzene-d5	25.8 %	10-119								
321-60-8	Surrogate: 2-Fluorobiphenyl	55.3 %	10-114								
118-79-6	Surrogate: 2,4,6-Tribromophenol	36.2 %	10-106								
1718-51-0	Surrogate: Terphenyl-d14	51.0 %	10-123								

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	Dimethylundecane isomer	1660	JN	ug/kg dry			1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
NA	propyl decane isomer	1490	JN	ug/kg dry			1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR
NA	tetramethyl Pentadecane isomer	1440	JN	ug/kg dry			1	EPA 8270D	11/26/2014 11:00	11/26/2014 19:05	SR



Sample Information

Client Sample ID: C2 Comp (3-6)

York Sample ID: 14K0841-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:50 am

11/21/2014

Pesticides, NJDEP/TCL/Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.29	7.29	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
72-20-8	Endrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	1.82	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.12	9.12	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
8001-35-2	Toxaphene	ND		ug/kg dry	92.3	92.3	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:09	JW
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	57.8 %	30-140								
877-09-8	Surrogate: Tetrachloro-m-xylene	56.6 %	30-140								



Sample Information

Client Sample ID: C2 Comp (3-6)

York Sample ID: 14K0841-03

York Project (SDG) No.

14K0841

Client Project ID

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 9:50 am

Date Received

11/21/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:53	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:53	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:53	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:53	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:53	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:53	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:53	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:53	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	54.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	73.5 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		420		mg/kg dry	55.3	55.3	1	NJDEP EPH Rev 3.0	11/25/2014 16:00	12/01/2014 12:24	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	68.4 %		40-140							
84-15-1	Surrogate: o-Terphenyl	69.9 %		40-140							

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	6500		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW
7440-36-0	Antimony	ND		mg/kg dry	0.553	0.553	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW
7440-38-2	Arsenic	2.07		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW
7440-39-3	Barium	48.5		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.332	0.332	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW
7440-70-2	Calcium	1390		mg/kg dry	0.553	5.53	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW
7440-47-3	Chromium	14.7		mg/kg dry	0.553	0.553	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW
7440-48-4	Cobalt	7.11		mg/kg dry	0.553	0.553	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW
7440-50-8	Copper	33.4		mg/kg dry	0.553	0.553	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW
7439-89-6	Iron	16400		mg/kg dry	2.21	2.21	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW
7439-92-1	Lead	26.2		mg/kg dry	0.332	0.332	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW



Sample Information

Client Sample ID: C2 Comp (3-6)

York Sample ID: 14K0841-03

York Project (SDG) No.

14K0841

Client Project ID

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 9:50 am

Date Received

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	2290		mg/kg dry	5.53	5.53	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW
7439-96-5	Manganese	218		mg/kg dry	0.553	0.553	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW
7440-02-0	Nickel	10.6		mg/kg dry	0.553	0.553	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW
7440-09-7	Potassium	1390		mg/kg dry	5.53	5.53	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW
7782-49-2	Selenium	3.39		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW
7440-22-4	Silver	ND		mg/kg dry	0.553	0.553	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW
7440-23-5	Sodium	63.6		mg/kg dry	11.1	11.1	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW
7440-62-2	Vanadium	25.6		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW
7440-66-6	Zinc	44.0		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:46	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:00	MW
7440-39-3	Barium	0.507		mg/L	0.010	0.010	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:00	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:00	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:00	MW
7439-92-1	Lead	0.028	B	mg/L	0.003	0.003	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:00	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:00	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:00	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0474		mg/kg dry	0.0332	0.0332	1	EPA 7473	11/26/2014 06:58	11/26/2014 09:58	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/26/2014 07:02	11/26/2014 12:31	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:10	11/26/2014 17:25	AA



Sample Information

Client Sample ID: C2 Comp (3-6)

York Sample ID: 14K0841-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:50 am

11/21/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.5		%	0.100	0.100	1	SM 2540G	11/24/2014 08:45	11/24/2014 18:33	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	0.387	0.553	1	EPA 7196A	12/02/2014 07:40	12/02/2014 14:51	SC

Corrosivity

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
	pH	7.80	HT-pH	pH units		0.500	1	EPA 9045D	12/01/2014 14:24	12/02/2014 15:56	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/04/2014 14:20	12/04/2014 19:37	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	16.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/04/2014 14:23	12/04/2014 19:28	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: C2 Grab (3-6)

York Sample ID: 14K0841-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:01 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: C2 Grab (3-6)

York Sample ID: 14K0841-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:01 am

11/21/2014

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	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
95-63-6	1,2,4-Trimethylbenzene	69		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
108-67-8	1,3,5-Trimethylbenzene	11	J	ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	230	450	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
110-82-7	Cyclohexane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
591-78-6	2-Hexanone	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
67-64-1	Acetone	48	Cal-E, CCV-E, ICV-E	ug/kg dry	11	23	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
107-02-8	Acrolein	ND		ug/kg dry	11	23	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
71-43-2	Benzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
75-25-2	Bromoform	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
67-66-3	Chloroform	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK



Sample Information

Client Sample ID: C2 Grab (3-6)

York Sample ID: 14K0841-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:01 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
100-41-4	Ethyl Benzene	17		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
108-87-2	Methylcyclohexane	150		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
98-82-8	Isopropylbenzene	81		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
79-20-9	Methyl acetate	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
75-09-2	Methylene chloride	ND		ug/kg dry	11	23	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
103-65-1	n-Propylbenzene	67		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
179601-23-1	p- & m- Xylenes	23		ug/kg dry	11	23	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
135-98-8	sec-Butylbenzene	38		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
100-42-5	Styrene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
98-06-6	tert-Butylbenzene	6.4	J	ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
108-88-3	Toluene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
1330-20-7	Xylenes, Total	23	J	ug/kg dry	17	34	1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	89.2 %	76-130								
2037-26-5	Surrogate: Toluene-d8	105 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: C2 Grab (3-6)

York Sample ID: 14K0841-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:01 am

11/21/2014

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
527-53-7	1,2,4,5-Tetramethylbenzene	230	JN	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
NA	alkylcyclohexane isomers	3900	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
NA	alkylcyclopropane isomer	480	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
NA	alkylheptane isomer	490	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
NA	alkyloctane isomer	960	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
NA	Methyldecane isomer	740	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK
91-20-3	Naphthalene	66	JN	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 05:02	BK

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.9		%	0.100	0.100	1	SM 2540G	11/24/2014 08:45	11/24/2014 18:33	SCA

Sample Information

Client Sample ID: C2 Comp (6-9)

York Sample ID: 14K0841-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:05 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
98-86-2	Acetophenone	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
120-12-7	Anthracene	176		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
1912-24-9	Atrazine	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
92-87-5	Benzidine	ND		ug/kg dry	140	281	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
56-55-3	Benzo(a)anthracene	53.8	J, S-02	ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
65-85-0	Benzoic acid	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH



Sample Information

Client Sample ID: C2 Comp (6-9)

York Sample ID: 14K0841-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:05 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
105-60-2	Caprolactam	ND		ug/kg dry	70.1	140	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
86-74-8	Carbazole	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
218-01-9	Chrysene	72.9		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	70.1	140	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	70.1	140	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
206-44-0	Fluoranthene	285		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
86-73-7	Fluorene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH



Sample Information

Client Sample ID: C2 Comp (6-9)

York Sample ID: 14K0841-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:05 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
78-59-1	Isophorone	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
91-20-3	Naphthalene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	70.1	140	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	70.1	140	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	70.1	140	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	70.1	140	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
85-01-8	Phenanthrene	302		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
108-95-2	Phenol	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
129-00-0	Pyrene	92.5		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	35.1	70.1	1	EPA 8270D	12/01/2014 12:00	12/02/2014 11:17	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	29.9 %	10-99								
4165-62-2	Surrogate: Phenol-d5	40.7 %	10-108								
4165-60-0	Surrogate: Nitrobenzene-d5	70.5 %	10-119								
321-60-8	Surrogate: 2-Fluorobiphenyl	57.4 %	10-114								
118-79-6	Surrogate: 2,4,6-Tribromophenol	93.2 %	10-106								
1718-51-0	Surrogate: Terphenyl-d14	41.2 %	10-123								

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	Unkown Hydrocarbon #1	7620	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/01/2014 09:41	KH
	Unkown Hydrocarbon #10	0.00	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/01/2014 09:41	KH
NA	Unkown Hydrocarbon #2	7850	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/01/2014 09:41	KH



Sample Information

Client Sample ID: C2 Comp (6-9)

York Sample ID: 14K0841-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:05 am

11/21/2014

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Unkown Hydrocarbon #3	6050	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/01/2014 09:41	KH
	Unkown Hydrocarbon #4	4710	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/01/2014 09:41	KH
	Unkown Hydrocarbon #5	5380	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/01/2014 09:41	KH
	Unkown Hydrocarbon #6	5040	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/01/2014 09:41	KH
	Unkown Hydrocarbon #7	5940	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/01/2014 09:41	KH
	Unkown Hydrocarbon #8	4480	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/01/2014 09:41	KH
	Unkown Hydrocarbon #9	6280	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/01/2014 09:41	KH

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.40	7.40	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
72-20-8	Endrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.85	1.85	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.25	9.25	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW
8001-35-2	Toxaphene	ND		ug/kg dry	93.6	93.6	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:25	JW

Surrogate Recoveries

Result

Acceptance Range

2051-24-3 Surrogate: Decachlorobiphenyl

56.0 %

30-140

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

46.0 %

30-140



Sample Information

Client Sample ID: C2 Comp (6-9)

York Sample ID: 14K0841-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:05 am

11/21/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A	11/25/2014 17:00	12/01/2014 16:56	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A	11/25/2014 17:00	12/01/2014 16:56	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A	11/25/2014 17:00	12/01/2014 16:56	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A	11/25/2014 17:00	12/01/2014 16:56	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A	11/25/2014 17:00	12/01/2014 16:56	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A	11/25/2014 17:00	12/01/2014 16:56	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A	11/25/2014 17:00	12/01/2014 16:56	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A	11/25/2014 17:00	12/01/2014 16:56	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	54.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	74.5 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		3560		mg/kg dry	56.1	56.1	1	NJDEP EPH Rev 3.0	11/25/2014 16:00	12/01/2014 12:52	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	73.6 %		40-140							
84-15-1	Surrogate: o-Terphenyl	86.5 %		40-140							

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	8150		mg/kg dry	1.12	1.12	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW
7440-36-0	Antimony	ND		mg/kg dry	0.561	0.561	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW
7440-38-2	Arsenic	3.16		mg/kg dry	1.12	1.12	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW
7440-39-3	Barium	38.0		mg/kg dry	1.12	1.12	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.112	0.112	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.336	0.336	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW
7440-70-2	Calcium	1550		mg/kg dry	0.561	5.61	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW
7440-47-3	Chromium	16.1		mg/kg dry	0.561	0.561	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW
7440-48-4	Cobalt	7.00		mg/kg dry	0.561	0.561	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW
7440-50-8	Copper	24.8		mg/kg dry	0.561	0.561	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW
7439-89-6	Iron	18600		mg/kg dry	2.24	2.24	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW
7439-92-1	Lead	20.4		mg/kg dry	0.336	0.336	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW



Sample Information

Client Sample ID: C2 Comp (6-9)

York Sample ID: 14K0841-05

York Project (SDG) No.

14K0841

Client Project ID

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 10:05 am

Date Received

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	2850		mg/kg dry	5.61	5.61	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW
7439-96-5	Manganese	240		mg/kg dry	0.561	0.561	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW
7440-02-0	Nickel	14.2		mg/kg dry	0.561	0.561	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW
7440-09-7	Potassium	911		mg/kg dry	5.61	5.61	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW
7782-49-2	Selenium	2.64		mg/kg dry	1.12	1.12	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW
7440-22-4	Silver	ND		mg/kg dry	0.561	0.561	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW
7440-23-5	Sodium	51.0		mg/kg dry	11.2	11.2	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW
7440-62-2	Vanadium	20.0		mg/kg dry	1.12	1.12	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW
7440-66-6	Zinc	36.6		mg/kg dry	1.12	1.12	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:51	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:05	MW
7440-39-3	Barium	0.425		mg/L	0.010	0.010	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:05	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:05	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:05	MW
7439-92-1	Lead	0.026	B	mg/L	0.003	0.003	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:05	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:05	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:05	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0336	0.0336	1	EPA 7473	11/26/2014 06:58	11/26/2014 10:06	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/26/2014 07:02	11/26/2014 12:31	ALD

Ignitability

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
* Ignitability	Non-Ignit.	-			1	1	1	EPA 1030P	11/25/2014 10:10	11/26/2014 17:25	AA



Sample Information

Client Sample ID: C2 Comp (6-9)

York Sample ID: 14K0841-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:05 am

11/21/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.2		%	0.100	0.100	1	SM 2540G	11/24/2014 08:45	11/24/2014 18:33	SCA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.392	0.561	1	EPA 7196A	12/02/2014 07:40	12/02/2014 14:51	SC

Corrosivity

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
	pH	7.68	HT-pH	pH units		0.500	1	EPA 9045D	12/01/2014 14:24	12/02/2014 15:56	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/04/2014 14:20	12/04/2014 19:37	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	24.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/04/2014 14:23	12/04/2014 19:28	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: C2 Grab (6-9)

York Sample ID: 14K0841-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:10 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: C2 Grab (6-9)

York Sample ID: 14K0841-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:10 am

11/21/2014

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	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	11000	22000	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
110-82-7	Cyclohexane	1100		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
78-93-3	2-Butanone	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
591-78-6	2-Hexanone	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
67-64-1	Acetone	ND		ug/kg dry	560	1100	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
107-02-8	Acrolein	ND		ug/kg dry	560	1100	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
71-43-2	Benzene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
75-25-2	Bromoform	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
74-83-9	Bromomethane	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
75-00-3	Chloroethane	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
67-66-3	Chloroform	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
74-87-3	Chloromethane	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK



Sample Information

Client Sample ID: C2 Grab (6-9)

York Sample ID: 14K0841-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:10 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
74-95-3	Dibromomethane	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
108-87-2	Methylcyclohexane	13000		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
98-82-8	Isopropylbenzene	470	J	ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
79-20-9	Methyl acetate	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
75-09-2	Methylene chloride	ND		ug/kg dry	560	1100	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
104-51-8	n-Butylbenzene	850		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
103-65-1	n-Propylbenzene	530	J	ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
95-47-6	o-Xylene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	560	1100	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
135-98-8	sec-Butylbenzene	1200		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
100-42-5	Styrene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	560	1100	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
108-88-3	Toluene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	280	560	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	840	1700	100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.7 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	90.4 %	76-130								
2037-26-5	Surrogate: Toluene-d8	113 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: C2 Grab (6-9)

York Sample ID: 14K0841-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:10 am

11/21/2014

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
527-53-7	1,2,4,5-Tetramethylbenzene	6100	JN	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
NA	butyl Cyclohexane isomer	17000	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
110-82-7	Cyclohexane	1100	JN	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
NA	dimethyl Cyclohexane isomer	30000	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
NA	ethyl Cyclohexane isomer	19000	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
NA	ethyl Hexane isomer	40000	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
NA	ethyl methyl cyclohexane isomer	21000	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
NA	methyl Octane isomer	22000	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
108-87-2	Methylcyclohexane	13000	JN	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK
NA	propyl Cyclohexane isomer	29000	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 16:27	BK

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	88.9		%	0.100	0.100	1	SM 2540G	11/24/2014 08:45	11/24/2014 18:33	SCA

Sample Information

Client Sample ID: C2 Comp (9-12)

York Sample ID: 14K0841-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:17 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
98-86-2	Acetophenone	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
120-12-7	Anthracene	112		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
1912-24-9	Atrazine	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
92-87-5	Benzidine	ND		ug/kg dry	151	301	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR



Sample Information

Client Sample ID: C2 Comp (9-12)

York Sample ID: 14K0841-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:17 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
105-60-2	Caprolactam	ND		ug/kg dry	75.2	150	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
86-74-8	Carbazole	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
218-01-9	Chrysene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	75.2	150	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	75.2	150	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
206-44-0	Fluoranthene	85.3		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
86-73-7	Fluorene	114		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR



Sample Information

Client Sample ID: C2 Comp (9-12)

York Sample ID: 14K0841-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:17 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
78-59-1	Isophorone	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
91-57-6	2-Methylnaphthalene	610		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
91-20-3	Naphthalene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	75.2	150	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	75.2	150	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	75.2	150	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
98-95-3	Nitrobenzene	57.1	J	ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	75.2	150	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
85-01-8	Phenanthrene	371		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
108-95-2	Phenol	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
129-00-0	Pyrene	119		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	37.7	75.2	1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	23.1 %									
4165-62-2	Surrogate: Phenol-d5	52.6 %									
4165-60-0	Surrogate: Nitrobenzene-d5	39.5 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	57.8 %									
118-79-6	Surrogate: 2,4,6-Tribromophenol	38.9 %									
1718-51-0	Surrogate: Terphenyl-d14	52.8 %									

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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



Sample Information

Client Sample ID: C2 Comp (9-12)

York Sample ID: 14K0841-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:17 am

11/21/2014

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	Cyclohexane isomer	3850	JN	ug/kg dry			1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
NA	pently Cyclohexane isomer	4150	JN	ug/kg dry			1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR
NA	tetradecane isomer	4870	JN	ug/kg dry			1	EPA 8270D	11/26/2014 11:00	11/26/2014 20:09	SR

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.98	1.98	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.98	1.98	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.98	1.98	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.93	7.93	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.98	1.98	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.98	1.98	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.98	1.98	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.98	1.98	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.98	1.98	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.98	1.98	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
72-20-8	Endrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.98	1.98	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.98	1.98	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.98	1.98	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.98	1.98	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.91	9.91	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
8001-35-2	Toxaphene	ND		ug/kg dry	100	100	5	EPA 8081B	11/25/2014 17:00	12/02/2014 01:41	JW
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	62.6 %	30-140								
877-09-8	Surrogate: Tetrachloro-m-xylene	51.9 %	30-140								



Sample Information

Client Sample ID: C2 Comp (9-12)

York Sample ID: 14K0841-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:17 am

11/21/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A	11/25/2014 17:00	12/01/2014 17:16	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A	11/25/2014 17:00	12/01/2014 17:16	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A	11/25/2014 17:00	12/01/2014 17:16	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A	11/25/2014 17:00	12/01/2014 17:16	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A	11/25/2014 17:00	12/01/2014 17:16	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A	11/25/2014 17:00	12/01/2014 17:16	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A	11/25/2014 17:00	12/01/2014 17:16	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A	11/25/2014 17:00	12/01/2014 17:16	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	56.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	66.5 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		2080		mg/kg dry	60.1	60.1	1	NJDEP EPH Rev 3.0	11/25/2014 16:00	12/01/2014 13:21	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	65.6 %		40-140							
84-15-1	Surrogate: o-Terphenyl	75.4 %		40-140							

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	6990		mg/kg dry	1.20	1.20	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW
7440-36-0	Antimony	ND		mg/kg dry	0.601	0.601	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW
7440-38-2	Arsenic	2.82		mg/kg dry	1.20	1.20	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW
7440-39-3	Barium	48.0		mg/kg dry	1.20	1.20	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.120	0.120	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.361	0.361	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW
7440-70-2	Calcium	1760		mg/kg dry	0.601	6.01	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW
7440-47-3	Chromium	11.5		mg/kg dry	0.601	0.601	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW
7440-48-4	Cobalt	6.35		mg/kg dry	0.601	0.601	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW
7440-50-8	Copper	62.9		mg/kg dry	0.601	0.601	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW
7439-89-6	Iron	14400		mg/kg dry	2.40	2.40	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW
7439-92-1	Lead	41.4		mg/kg dry	0.361	0.361	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW



Sample Information

Client Sample ID: C2 Comp (9-12)

York Sample ID: 14K0841-07

York Project (SDG) No.

14K0841

Client Project ID

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 10:17 am

Date Received

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	2320		mg/kg dry	6.01	6.01	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW
7439-96-5	Manganese	340		mg/kg dry	0.601	0.601	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW
7440-02-0	Nickel	12.1		mg/kg dry	0.601	0.601	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW
7440-09-7	Potassium	841		mg/kg dry	6.01	6.01	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW
7782-49-2	Selenium	2.23		mg/kg dry	1.20	1.20	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW
7440-22-4	Silver	ND		mg/kg dry	0.601	0.601	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW
7440-23-5	Sodium	47.6		mg/kg dry	12.0	12.0	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW
7440-28-0	Thallium	ND		mg/kg dry	1.20	1.20	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW
7440-62-2	Vanadium	21.5		mg/kg dry	1.20	1.20	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW
7440-66-6	Zinc	36.2		mg/kg dry	1.20	1.20	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:55	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:10	MW
7440-39-3	Barium	0.376		mg/L	0.010	0.010	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:10	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:10	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:10	MW
7439-92-1	Lead	0.041	B	mg/L	0.003	0.003	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:10	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:10	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:10	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0841		mg/kg dry	0.0361	0.0361	1	EPA 7473	11/26/2014 06:58	11/26/2014 10:15	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/26/2014 07:02	11/26/2014 12:31	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:10	11/26/2014 17:25	AA



Sample Information

Client Sample ID: C2 Comp (9-12)

York Sample ID: 14K0841-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:17 am

11/21/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.2		%	0.100	0.100	1	SM 2540G	11/24/2014 08:45	11/24/2014 18:33	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	0.421	0.601	1	EPA 7196A	12/02/2014 07:40	12/02/2014 14:51	SC

Corrosivity

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
	pH	7.70	HT-pH	pH units		0.500	1	EPA 9045D	11/25/2014 12:41	11/25/2014 15:39	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/04/2014 14:20	12/04/2014 19:37	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	16.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/04/2014 14:23	12/04/2014 19:28	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: C2 Grab (9-12)

York Sample ID: 14K0841-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:20 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: C2 Grab (9-12)

York Sample ID: 14K0841-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:20 am

11/21/2014

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	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
95-63-6	1,2,4-Trimethylbenzene	2000		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	13000	25000	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
110-82-7	Cyclohexane	500	J	ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
78-93-3	2-Butanone	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
591-78-6	2-Hexanone	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
67-64-1	Acetone	ND		ug/kg dry	630	1300	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
107-02-8	Acrolein	ND		ug/kg dry	630	1300	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
71-43-2	Benzene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
75-25-2	Bromoform	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
74-83-9	Bromomethane	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
75-00-3	Chloroethane	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
67-66-3	Chloroform	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
74-87-3	Chloromethane	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK



Sample Information

Client Sample ID: C2 Grab (9-12)

York Sample ID: 14K0841-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:20 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
74-95-3	Dibromomethane	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
108-87-2	Methylcyclohexane	6300		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
98-82-8	Isopropylbenzene	690		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
79-20-9	Methyl acetate	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
75-09-2	Methylene chloride	ND		ug/kg dry	630	1300	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
104-51-8	n-Butylbenzene	540	J	ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
103-65-1	n-Propylbenzene	1000		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
95-47-6	o-Xylene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	630	1300	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
135-98-8	sec-Butylbenzene	650		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
100-42-5	Styrene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	630	1300	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
108-88-3	Toluene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	310	630	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	940	1900	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.7 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	94.1 %	76-130								
2037-26-5	Surrogate: Toluene-d8	112 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: C2 Grab (9-12)

York Sample ID: 14K0841-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:20 am

11/21/2014

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
527-53-7	1,2,4,5-Tetramethylbenzene	3200	JN	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
NA	butyl Cyclohexane isomer	11000	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
NA	dimethyl Cyclohexane isomer	15000	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
NA	ethyl methyl cyclohexane isomer	15000	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
NA	methyl Nonane isomer	25000	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
NA	methyl octane isomers	64000	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
108-87-2	Methylcyclohexane	6300	JN	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK
NA	propyl Cyclohexane isomer	24000	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:11	BK

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	79.6		%	0.100	0.100	1	SM 2540G	11/24/2014 08:45	11/24/2014 18:33	SCA

Sample Information

Client Sample ID: C2 Comp (12-15)

York Sample ID: 14K0841-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:31 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
98-86-2	Acetophenone	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
120-12-7	Anthracene	132	J	ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
1912-24-9	Atrazine	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
92-87-5	Benzidine	ND		ug/kg dry	285	570	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
65-85-0	Benzoic acid	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH



Sample Information

Client Sample ID: C2 Comp (12-15)

York Sample ID: 14K0841-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:31 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
105-60-2	Caprolactam	ND		ug/kg dry	142	284	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
86-74-8	Carbazole	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
218-01-9	Chrysene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	142	284	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	142	284	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
206-44-0	Fluoranthene	130	J	ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
86-73-7	Fluorene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH



Sample Information

Client Sample ID: C2 Comp (12-15)

York Sample ID: 14K0841-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:31 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
78-59-1	Isophorone	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
91-20-3	Naphthalene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	142	284	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	142	284	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	142	284	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	142	284	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
85-01-8	Phenanthrene	207		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
108-95-2	Phenol	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
129-00-0	Pyrene	122	J	ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	71.3	142	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:46	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	98.2 %	10-99								
4165-62-2	Surrogate: Phenol-d5	104 %	10-108								
4165-60-0	Surrogate: Nitrobenzene-d5	145 %	10-119								
321-60-8	Surrogate: 2-Fluorobiphenyl	103 %	10-114								
118-79-6	Surrogate: 2,4,6-Tribromophenol	122 %	10-106								
1718-51-0	Surrogate: Terphenyl-d14	75.7 %	10-123								

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	Unkown Hydrocarbon #1	4090	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/01/2014 10:11	KH
	Unkown Hydrocarbon #10	6480	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/01/2014 10:11	KH



Sample Information

Client Sample ID: C2 Comp (12-15)

York Sample ID: 14K0841-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:31 am

11/21/2014

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	Unkown Hydrocarbon #2	4090	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/01/2014 10:11	KH
	Unkown Hydrocarbon #3	9550	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/01/2014 10:11	KH
	Unkown Hydrocarbon #4	8300	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/01/2014 10:11	KH
	Unkown Hydrocarbon #5	7620	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/01/2014 10:11	KH
	Unkown Hydrocarbon #6	6250	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/01/2014 10:11	KH
	Unkown Hydrocarbon #7	5460	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/01/2014 10:11	KH
	Unkown Hydrocarbon #8	6370	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/01/2014 10:11	KH
	Unkown Hydrocarbon #9	7960	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/01/2014 10:11	KH

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	2.81	2.81	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.81	2.81	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.81	2.81	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.81	2.81	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.81	2.81	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.81	2.81	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.81	2.81	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
57-74-9	Chlordane, total	ND		ug/kg dry	11.3	11.3	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.81	2.81	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.81	2.81	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.81	2.81	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.81	2.81	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.81	2.81	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.81	2.81	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.81	2.81	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
72-20-8	Endrin	ND		ug/kg dry	2.81	2.81	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.81	2.81	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.81	2.81	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.81	2.81	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.81	2.81	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
72-43-5	Methoxychlor	ND		ug/kg dry	14.1	14.1	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
8001-35-2	Toxaphene	ND		ug/kg dry	142	142	5	EPA 8081B	11/26/2014 08:51	12/02/2014 01:56	JW
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	57.5 %	30-140								



Sample Information

Client Sample ID: C2 Comp (12-15)

York Sample ID: 14K0841-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:31 am

11/21/2014

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	46.9 %			30-140						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.0284	0.0284	1	EPA 8082A	11/26/2014 08:51	12/01/2014 22:44	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0284	0.0284	1	EPA 8082A	11/26/2014 08:51	12/01/2014 22:44	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0284	0.0284	1	EPA 8082A	11/26/2014 08:51	12/01/2014 22:44	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0284	0.0284	1	EPA 8082A	11/26/2014 08:51	12/01/2014 22:44	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0284	0.0284	1	EPA 8082A	11/26/2014 08:51	12/01/2014 22:44	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0284	0.0284	1	EPA 8082A	11/26/2014 08:51	12/01/2014 22:44	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0284	0.0284	1	EPA 8082A	11/26/2014 08:51	12/01/2014 22:44	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0284	0.0284	1	EPA 8082A	11/26/2014 08:51	12/01/2014 22:44	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	58.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	63.0 %			30-140						

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	1860		mg/kg dry	56.9	56.9	1	NJDEP EPH Rev 3.0	11/25/2014 16:00	12/01/2014 13:50	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	66.4 %			40-140						
84-15-1	Surrogate: o-Terphenyl	68.0 %			40-140						

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	5350		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW
7440-36-0	Antimony	ND		mg/kg dry	0.569	0.569	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW
7440-38-2	Arsenic	2.77		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW
7440-39-3	Barium	42.5		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.341	0.341	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW
7440-70-2	Calcium	1420		mg/kg dry	0.569	5.69	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW



Sample Information

Client Sample ID: C2 Comp (12-15)

York Sample ID: 14K0841-09

York Project (SDG) No.

14K0841

Client Project ID

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 11:31 am

Date Received

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	13.6		mg/kg dry	0.569	0.569	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW
7440-48-4	Cobalt	6.41		mg/kg dry	0.569	0.569	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW
7440-50-8	Copper	17.9		mg/kg dry	0.569	0.569	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW
7439-89-6	Iron	16000		mg/kg dry	2.27	2.27	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW
7439-92-1	Lead	16.1		mg/kg dry	0.341	0.341	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW
7439-95-4	Magnesium	1810		mg/kg dry	5.69	5.69	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW
7439-96-5	Manganese	319		mg/kg dry	0.569	0.569	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW
7440-02-0	Nickel	9.99		mg/kg dry	0.569	0.569	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW
7440-09-7	Potassium	930		mg/kg dry	5.69	5.69	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW
7782-49-2	Selenium	1.93		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW
7440-22-4	Silver	ND		mg/kg dry	0.569	0.569	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW
7440-23-5	Sodium	51.1		mg/kg dry	11.4	11.4	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW
7440-62-2	Vanadium	22.9		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW
7440-66-6	Zinc	32.6		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:00	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:16	MW
7440-39-3	Barium	0.444		mg/L	0.010	0.010	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:16	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:16	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:16	MW
7439-92-1	Lead	0.016	B	mg/L	0.003	0.003	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:16	MW
7782-49-2	Selenium	0.017		mg/L	0.010	0.010	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:16	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:16	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0833		mg/kg dry	0.0341	0.0341	1	EPA 7473	11/26/2014 06:58	11/26/2014 10:25	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/26/2014 07:02	11/26/2014 12:31	ALD



Sample Information

Client Sample ID: C2 Comp (12-15)

York Sample ID: 14K0841-09

York Project (SDG) No.

14K0841

Client Project ID

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 11:31 am

Date Received

11/21/2014

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:10	11/26/2014 17:25	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.9		%	0.100	0.100	1	SM 2540G	11/24/2014 08:45	11/24/2014 18:33	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	0.398	0.569	1	EPA 7196A	12/02/2014 07:40	12/02/2014 14:51	SC

Corrosivity

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
	pH	7.66	HT-pH	pH units		0.500	1	EPA 9045D	11/25/2014 12:41	11/25/2014 15:39	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/04/2014 14:20	12/04/2014 19:37	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	32.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/04/2014 14:23	12/04/2014 19:28	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK



Sample Information

Client Sample ID: C2 Grab (12-15)

York Sample ID: 14K0841-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:35 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	11000	23000	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
110-82-7	Cyclohexane	560	J	ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
78-93-3	2-Butanone	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
591-78-6	2-Hexanone	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
67-64-1	Acetone	ND		ug/kg dry	570	1100	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
107-02-8	Acrolein	ND		ug/kg dry	570	1100	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
71-43-2	Benzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
75-25-2	Bromoform	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
74-83-9	Bromomethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
75-00-3	Chloroethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK



Sample Information

Client Sample ID: C2 Grab (12-15)

York Sample ID: 14K0841-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:35 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
74-87-3	Chloromethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
74-95-3	Dibromomethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
108-87-2	Methylcyclohexane	7200		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
79-20-9	Methyl acetate	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
75-09-2	Methylene chloride	ND		ug/kg dry	570	1100	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
95-47-6	o-Xylene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	570	1100	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
135-98-8	sec-Butylbenzene	560	J	ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
100-42-5	Styrene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	570	1100	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
108-88-3	Toluene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	290	570	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	860	1700	100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.2 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	87.4 %	76-130								
2037-26-5	Surrogate: Toluene-d8	110 %	85-120								



Sample Information

Client Sample ID: C2 Grab (12-15)

York Sample ID: 14K0841-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:35 am

11/21/2014

Volatile Organics, Tentatively Identified Cmpds.

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
527-53-7	1,2,4,5-Tetramethylbenzene	2900	JN	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
NA	butyl Cyclohexane isomer	7300	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
NA	dimethyl Heptane isomer	46000	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
NA	ethyl methyl cyclohexane isomer	18000	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
NA	methyl Nonane isomer	19000	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
NA	methyl Octane isomer	27000	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
108-87-2	Methyleyclohexane	7200	JN	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
NA	pentyl Cyclohexane isomer	8500	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK
NA	propyl Cyclohexane isomer	24000	J	ug/kg dry			100	EPA 8260C	12/01/2014 08:56	12/01/2014 17:54	BK

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.5		%	0.100	0.100	1	SM 2540G	11/24/2014 08:45	11/24/2014 18:33	SCA

Sample Information

Client Sample ID: C2 Comp (15-18)

York Sample ID: 14K0841-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:40 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
98-86-2	Acetophenone	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
120-12-7	Anthracene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
1912-24-9	Atrazine	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
92-87-5	Benzidine	ND		ug/kg dry	160	320	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR



Sample Information

Client Sample ID: C2 Comp (15-18)

York Sample ID: 14K0841-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:40 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
105-60-2	Caprolactam	ND		ug/kg dry	79.8	159	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
86-74-8	Carbazole	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
218-01-9	Chrysene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	79.8	159	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	79.8	159	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
206-44-0	Fluoranthene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
86-73-7	Fluorene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR



Sample Information

Client Sample ID: C2 Comp (15-18)

York Sample ID: 14K0841-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:40 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
78-59-1	Isophorone	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
91-20-3	Naphthalene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	79.8	159	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	79.8	159	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	79.8	159	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	79.8	159	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
85-01-8	Phenanthrene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
108-95-2	Phenol	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
129-00-0	Pyrene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	40.0	79.8	1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	21.8 %	10-99								
4165-62-2	Surrogate: Phenol-d5	53.3 %	10-108								
4165-60-0	Surrogate: Nitrobenzene-d5	20.6 %	10-119								
321-60-8	Surrogate: 2-Fluorobiphenyl	56.5 %	10-114								
118-79-6	Surrogate: 2,4,6-Tribromophenol	38.1 %	10-106								
1718-51-0	Surrogate: Terphenyl-d14	52.8 %	10-123								

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE		STRATFORD, CT 06615		(203) 325-1371		FAX (203) 357-0166					



Sample Information

Client Sample ID: C2 Comp (15-18)

York Sample ID: 14K0841-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:40 am

11/21/2014

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	decyl Cyclohexane isomer	829	JN	ug/kg dry			1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
NA	hexyl Cyclohexane isomer	1340	JN	ug/kg dry			1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR
NA	pentyl Cyclohexane isomer	829	JN	ug/kg dry			1	EPA 8270D	11/26/2014 11:00	11/26/2014 21:13	SR

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	3.16	3.16	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.16	3.16	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
319-85-7	beta-BHC	ND		ug/kg dry	3.16	3.16	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
319-86-8	delta-BHC	ND		ug/kg dry	3.16	3.16	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	3.16	3.16	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	3.16	3.16	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	3.16	3.16	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
57-74-9	Chlordane, total	ND		ug/kg dry	12.6	12.6	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	3.16	3.16	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	3.16	3.16	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	3.16	3.16	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
60-57-1	Dieldrin	ND		ug/kg dry	3.16	3.16	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
959-98-8	Endosulfan I	ND		ug/kg dry	3.16	3.16	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	3.16	3.16	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	3.16	3.16	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
72-20-8	Endrin	ND		ug/kg dry	3.16	3.16	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	3.16	3.16	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	3.16	3.16	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.16	3.16	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	3.16	3.16	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
72-43-5	Methoxychlor	ND		ug/kg dry	15.8	15.8	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
8001-35-2	Toxaphene	ND		ug/kg dry	160	160	5	EPA 8081B	11/26/2014 08:51	12/02/2014 02:12	JW
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	69.3 %	30-140								
877-09-8	Surrogate: Tetrachloro-m-xylene	71.1 %	30-140								



Sample Information

Client Sample ID: C2 Comp (15-18)

York Sample ID: 14K0841-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:40 am

11/21/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.0319	0.0319	1	EPA 8082A	11/26/2014 08:51	12/01/2014 23:13	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0319	0.0319	1	EPA 8082A	11/26/2014 08:51	12/01/2014 23:13	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0319	0.0319	1	EPA 8082A	11/26/2014 08:51	12/01/2014 23:13	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0319	0.0319	1	EPA 8082A	11/26/2014 08:51	12/01/2014 23:13	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0319	0.0319	1	EPA 8082A	11/26/2014 08:51	12/01/2014 23:13	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0319	0.0319	1	EPA 8082A	11/26/2014 08:51	12/01/2014 23:13	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0319	0.0319	1	EPA 8082A	11/26/2014 08:51	12/01/2014 23:13	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0319	0.0319	1	EPA 8082A	11/26/2014 08:51	12/01/2014 23:13	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	77.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	61.0 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		125		mg/kg dry	63.8	63.8	1	NJDEP EPH Rev 3.0	11/25/2014 16:00	12/01/2014 14:18	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	52.9 %		40-140							
84-15-1	Surrogate: o-Terphenyl	53.2 %		40-140							

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	8280		mg/kg dry	1.28	1.28	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW
7440-36-0	Antimony	ND		mg/kg dry	0.638	0.638	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW
7440-38-2	Arsenic	1.74		mg/kg dry	1.28	1.28	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW
7440-39-3	Barium	34.2		mg/kg dry	1.28	1.28	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.128	0.128	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.383	0.383	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW
7440-70-2	Calcium	860		mg/kg dry	0.638	6.38	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW
7440-47-3	Chromium	11.7		mg/kg dry	0.638	0.638	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW
7440-48-4	Cobalt	5.54		mg/kg dry	0.638	0.638	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW
7440-50-8	Copper	12.7		mg/kg dry	0.638	0.638	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW
7439-89-6	Iron	13900		mg/kg dry	2.55	2.55	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW
7439-92-1	Lead	10.2		mg/kg dry	0.383	0.383	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW



Sample Information

Client Sample ID: C2 Comp (15-18)

York Sample ID: 14K0841-11

York Project (SDG) No.

14K0841

Client Project ID

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 11:40 am

Date Received

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	2720		mg/kg dry	6.38	6.38	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW
7439-96-5	Manganese	134		mg/kg dry	0.638	0.638	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW
7440-02-0	Nickel	14.0		mg/kg dry	0.638	0.638	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW
7440-09-7	Potassium	825		mg/kg dry	6.38	6.38	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW
7782-49-2	Selenium	1.44		mg/kg dry	1.28	1.28	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW
7440-22-4	Silver	ND		mg/kg dry	0.638	0.638	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW
7440-23-5	Sodium	78.2		mg/kg dry	12.8	12.8	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW
7440-28-0	Thallium	ND		mg/kg dry	1.28	1.28	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW
7440-62-2	Vanadium	15.2		mg/kg dry	1.28	1.28	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW
7440-66-6	Zinc	31.3		mg/kg dry	1.28	1.28	1	EPA 6010C	12/02/2014 14:30	12/02/2014 20:18	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:21	MW
7440-39-3	Barium	0.256		mg/L	0.010	0.010	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:21	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:21	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:21	MW
7439-92-1	Lead	0.010	B	mg/L	0.003	0.003	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:21	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:21	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/02/2014 10:03	12/02/2014 14:21	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0383	0.0383	1	EPA 7473	11/26/2014 06:58	11/26/2014 10:34	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/26/2014 07:02	11/26/2014 12:31	ALD

Ignitability

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
* Ignitability	Non-Ignit.	-			1	1	1	EPA 1030P	11/25/2014 10:10	11/26/2014 17:25	AA



Sample Information

Client Sample ID: C2 Comp (15-18)

York Sample ID: 14K0841-11

York Project (SDG) No.

14K0841

Client Project ID

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 11:40 am

Date Received

11/21/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	78.4		%	0.100	0.100	1	SM 2540G	11/24/2014 08:45	11/24/2014 18:33	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	0.447	0.638	1	EPA 7196A	12/02/2014 07:40	12/02/2014 14:51	SC

Corrosivity

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
	pH	7.32	HT-pH	pH units		0.500	1	EPA 9045D	11/25/2014 12:41	11/25/2014 15:39	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/04/2014 14:20	12/04/2014 19:37	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	24.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/04/2014 14:23	12/04/2014 19:28	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: C2 Grab (15-18)

York Sample ID: 14K0841-12

York Project (SDG) No.

14K0841

Client Project ID

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 11:42 am

Date Received

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: C2 Grab (15-18)

York Sample ID: 14K0841-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:42 am

11/21/2014

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	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	250	500	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
110-82-7	Cyclohexane	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
78-93-3	2-Butanone	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
591-78-6	2-Hexanone	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
67-64-1	Acetone	27	B	ug/kg dry	13	25	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
107-02-8	Acrolein	ND		ug/kg dry	13	25	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
71-43-2	Benzene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
75-25-2	Bromoform	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
74-83-9	Bromomethane	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
75-00-3	Chloroethane	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
67-66-3	Chloroform	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
74-87-3	Chloromethane	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK



Sample Information

Client Sample ID: C2 Grab (15-18)

York Sample ID: 14K0841-12

York Project (SDG) No.

14K0841

Client Project ID

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 11:42 am

Date Received

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
74-95-3	Dibromomethane	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
108-87-2	Methylcyclohexane	43		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
79-20-9	Methyl acetate	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
75-09-2	Methylene chloride	ND		ug/kg dry	13	25	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
95-47-6	o-Xylene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	13	25	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
100-42-5	Styrene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	13	25	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
108-88-3	Toluene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.3	13	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	19	38	1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.2 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	97.7 %	76-130								
2037-26-5	Surrogate: Toluene-d8	102 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: C2 Grab (15-18)

York Sample ID: 14K0841-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0841

Grid Section C2 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:42 am

11/21/2014

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
527-53-7	1,2,4,5-Tetramethylbenzene	22	JN	ug/kg dry			1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
NA	alkylbenzene isomer	46	J	ug/kg dry			1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
NA	alkylcyclohexane isomers	150	J	ug/kg dry			1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
NA	Dimethylheptane isomer	75	J	ug/kg dry			1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
NA	methylheptane isomers	69	J	ug/kg dry			1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
NA	methylOctane isomer	52	J	ug/kg dry			1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
NA	Octane isomer	36	J	ug/kg dry			1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK
NA	trimethyldecane isomer	32	J	ug/kg dry			1	EPA 8260C	12/01/2014 08:56	12/01/2014 18:38	BK

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	79.6		%	0.100	0.100	1	SM 2540G	11/24/2014 08:45	11/24/2014 18:33	SCA



Analytical Batch Summary

Batch ID: BK41123

Preparation Method: % Solids Prep

Prepared By: SCA

YORK Sample ID	Client Sample ID	Preparation Date
14K0841-03	C2 Comp (3-6)	11/24/14
14K0841-04	C2 Grab (3-6)	11/24/14
14K0841-05	C2 Comp (6-9)	11/24/14
14K0841-06	C2 Grab (6-9)	11/24/14
14K0841-07	C2 Comp (9-12)	11/24/14
14K0841-08	C2 Grab (9-12)	11/24/14
14K0841-09	C2 Comp (12-15)	11/24/14
14K0841-10	C2 Grab (12-15)	11/24/14
14K0841-11	C2 Comp (15-18)	11/24/14
14K0841-12	C2 Grab (15-18)	11/24/14
BK41123-DUP1	Duplicate	11/24/14

Batch ID: BK41136

Preparation Method: EPA SW 846-1311 TCLP ext. for met

Prepared By: KK

YORK Sample ID	Client Sample ID	Preparation Date
14K0841-01	C2 Comp (0-3)	11/24/14
14K0841-03	C2 Comp (3-6)	11/24/14
14K0841-05	C2 Comp (6-9)	11/24/14
14K0841-07	C2 Comp (9-12)	11/24/14
BK41136-BLK1	Blank	11/24/14

Batch ID: BK41138

Preparation Method: EPA SW 846-1311 TCLP ext. for met

Prepared By: KK

YORK Sample ID	Client Sample ID	Preparation Date
14K0841-09	C2 Comp (12-15)	11/24/14
14K0841-11	C2 Comp (15-18)	11/24/14
BK41138-BLK1	Blank	11/24/14

Batch ID: BK41193

Preparation Method: Analysis Preparation

Prepared By: AA

YORK Sample ID	Client Sample ID	Preparation Date
14K0841-01	C2 Comp (0-3)	11/25/14
14K0841-03	C2 Comp (3-6)	11/25/14
14K0841-05	C2 Comp (6-9)	11/25/14
14K0841-07	C2 Comp (9-12)	11/25/14
14K0841-09	C2 Comp (12-15)	11/25/14
14K0841-11	C2 Comp (15-18)	11/25/14

Batch ID: BK41201

Preparation Method: Analysis Preparation

Prepared By: SCA

YORK Sample ID	Client Sample ID	Preparation Date
14K0841-07	C2 Comp (9-12)	11/25/14
14K0841-09	C2 Comp (12-15)	11/25/14



14K0841-11 C2 Comp (15-18) 11/25/14

Batch ID: BK41205 **Preparation Method:** EPA 3545A **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14K0841-01	C2 Comp (0-3)	11/25/14
14K0841-03	C2 Comp (3-6)	11/25/14
14K0841-05	C2 Comp (6-9)	11/25/14
14K0841-07	C2 Comp (9-12)	11/25/14
14K0841-09	C2 Comp (12-15)	11/25/14
14K0841-11	C2 Comp (15-18)	11/25/14
BK41205-BLK1	Blank	11/25/14
BK41205-BS1	LCS	11/25/14
BK41205-BSD1	LCS Dup	11/25/14

Batch ID: BK41206 **Preparation Method:** EPA 3550C **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14K0841-01	C2 Comp (0-3)	11/25/14
14K0841-01	C2 Comp (0-3)	11/25/14
14K0841-03	C2 Comp (3-6)	11/25/14
14K0841-03	C2 Comp (3-6)	11/25/14
14K0841-05	C2 Comp (6-9)	11/25/14
14K0841-05	C2 Comp (6-9)	11/25/14
14K0841-07	C2 Comp (9-12)	11/25/14
14K0841-07	C2 Comp (9-12)	11/25/14
BK41206-BLK1	Blank	11/25/14
BK41206-BLK1	Blank	11/25/14
BK41206-BS1	LCS	11/25/14
BK41206-BS2	LCS	11/25/14
BK41206-BSD1	LCS Dup	11/25/14

Batch ID: BK41210 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14K0841-01	C2 Comp (0-3)	11/26/14
14K0841-03	C2 Comp (3-6)	11/26/14
14K0841-05	C2 Comp (6-9)	11/26/14
14K0841-07	C2 Comp (9-12)	11/26/14
14K0841-09	C2 Comp (12-15)	11/26/14
14K0841-11	C2 Comp (15-18)	11/26/14
BK41210-BLK1	Blank	11/26/14
BK41210-SRM1	Reference	11/26/14

Batch ID: BK41244 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14K0841-01	C2 Comp (0-3)	11/26/14
14K0841-03	C2 Comp (3-6)	11/26/14



14K0841-05	C2 Comp (6-9)	11/26/14
14K0841-07	C2 Comp (9-12)	11/26/14
14K0841-09	C2 Comp (12-15)	11/26/14
14K0841-11	C2 Comp (15-18)	11/26/14
BK41244-BLK1	Blank	11/26/14
BK41244-SRM1	Reference	11/26/14

Batch ID: BK41246 **Preparation Method:** % Solids Prep **Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
14K0841-01	C2 Comp (0-3)	11/26/14
14K0841-02	C2 Grab (0-3)	11/26/14

Batch ID: BK41248 **Preparation Method:** EPA 3545A **Prepared By:** DB

YORK Sample ID	Client Sample ID	Preparation Date
14K0841-03	C2 Comp (3-6)	11/26/14
14K0841-07	C2 Comp (9-12)	11/26/14
14K0841-11	C2 Comp (15-18)	11/26/14
BK41248-BLK1	Blank	11/26/14
BK41248-BS1	LCS	11/26/14
BK41248-BSD1	LCS Dup	11/26/14
BK41248-MS1	Matrix Spike	11/26/14

Batch ID: BK41251 **Preparation Method:** EPA 3545A **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14K0841-09	C2 Comp (12-15)	11/26/14
14K0841-09	C2 Comp (12-15)	11/26/14
14K0841-11	C2 Comp (15-18)	11/26/14
14K0841-11	C2 Comp (15-18)	11/26/14
BK41251-BLK1	Blank	11/26/14
BK41251-BLK1	Blank	11/26/14
BK41251-BS1	LCS	11/26/14
BK41251-BS2	LCS	11/26/14
BK41251-BSD1	LCS Dup	11/26/14

Batch ID: BK41269 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14K0841-04	C2 Grab (3-6)	11/26/14
BK41269-BLK1	Blank	11/26/14
BK41269-BS1	LCS	11/26/14
BK41269-BSD1	LCS Dup	11/26/14

Batch ID: BL40003 **Preparation Method:** EPA 3550C **Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date



14K0841-01	C2 Comp (0-3)	12/01/14
14K0841-05	C2 Comp (6-9)	12/01/14
14K0841-09	C2 Comp (12-15)	12/01/14
BL40003-BLK1	Blank	12/01/14
BL40003-BS1	LCS	12/01/14
BL40003-BSD1	LCS Dup	12/01/14

Batch ID: BL40029 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14K0841-02	C2 Grab (0-3)	12/01/14
14K0841-06	C2 Grab (6-9)	12/01/14
14K0841-08	C2 Grab (9-12)	12/01/14
14K0841-10	C2 Grab (12-15)	12/01/14
14K0841-12	C2 Grab (15-18)	12/01/14
BL40029-BLK1	Blank	12/01/14
BL40029-BS1	LCS	12/01/14
BL40029-BSD1	LCS Dup	12/01/14

Batch ID: BL40034 **Preparation Method:** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14K0841-01	C2 Comp (0-3)	12/01/14

Batch ID: BL40044 **Preparation Method:** Analysis Preparation **Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
14K0841-01	C2 Comp (0-3)	12/01/14
14K0841-03	C2 Comp (3-6)	12/01/14
14K0841-05	C2 Comp (6-9)	12/01/14
BL40044-DUP1	Duplicate	12/01/14

Batch ID: BL40087 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14K0841-01	C2 Comp (0-3)	12/02/14
14K0841-03	C2 Comp (3-6)	12/02/14
14K0841-05	C2 Comp (6-9)	12/02/14
14K0841-07	C2 Comp (9-12)	12/02/14
14K0841-09	C2 Comp (12-15)	12/02/14
14K0841-11	C2 Comp (15-18)	12/02/14
BL40087-BLK1	Blank	12/02/14
BL40087-DUP1	Duplicate	12/02/14
BL40087-MS1	Matrix Spike	12/02/14
BL40087-SRM1	Reference	12/02/14

Batch ID: BL40091 **Preparation Method:** EPA 3010A/1311 **Prepared By:** MW



YORK Sample ID	Client Sample ID	Preparation Date
14K0841-01	C2 Comp (0-3)	12/02/14
14K0841-03	C2 Comp (3-6)	12/02/14
14K0841-05	C2 Comp (6-9)	12/02/14
14K0841-07	C2 Comp (9-12)	12/02/14
14K0841-09	C2 Comp (12-15)	12/02/14
14K0841-11	C2 Comp (15-18)	12/02/14
BL40091-BLK1	Blank	12/02/14
BL40091-BLK2	Blank	12/02/14
BL40091-SRM1	Reference	12/02/14

Batch ID: BL40124 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14K0841-01	C2 Comp (0-3)	12/02/14
14K0841-03	C2 Comp (3-6)	12/02/14
14K0841-05	C2 Comp (6-9)	12/02/14
14K0841-07	C2 Comp (9-12)	12/02/14
14K0841-09	C2 Comp (12-15)	12/02/14
14K0841-11	C2 Comp (15-18)	12/02/14
BL40124-BLK1	Blank	12/02/14
BL40124-SRM1	Reference	12/02/14

Batch ID: BL40282 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
14K0841-01	C2 Comp (0-3)	12/04/14
14K0841-03	C2 Comp (3-6)	12/04/14
14K0841-05	C2 Comp (6-9)	12/04/14
14K0841-07	C2 Comp (9-12)	12/04/14
14K0841-09	C2 Comp (12-15)	12/04/14
14K0841-11	C2 Comp (15-18)	12/04/14
BL40282-BLK1	Blank	12/04/14

Batch ID: BL40283 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
14K0841-01	C2 Comp (0-3)	12/04/14
14K0841-03	C2 Comp (3-6)	12/04/14
14K0841-05	C2 Comp (6-9)	12/04/14
14K0841-07	C2 Comp (9-12)	12/04/14
14K0841-09	C2 Comp (12-15)	12/04/14
14K0841-11	C2 Comp (15-18)	12/04/14
BL40283-BLK1	Blank	12/04/14
BL40283-BS1	LCS	12/04/14
BL40283-DUP1	Duplicate	12/04/14



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK41269 - EPA 5035A

Blank (BK41269-BLK1)

Prepared: 11/26/2014 Analyzed: 11/27/2014

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet
1,1,1-Trichloroethane	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,1-Dichloroethylene	ND	5.0	"
Bromochloromethane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
1,4-Dioxane	ND	100	"
Cyclohexane	ND	5.0	"
2-Butanone	ND	5.0	"
2-Hexanone	ND	5.0	"
4-Methyl-2-pentanone	ND	5.0	"
Acetone	ND	10	"
Acrolein	ND	10	"
Acrylonitrile	ND	5.0	"
Benzene	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"
Carbon disulfide	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	5.0	"
cis-1,2-Dichloroethylene	ND	5.0	"
cis-1,3-Dichloropropylene	ND	5.0	"
Dibromochloromethane	ND	5.0	"
Dibromomethane	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
Ethyl Benzene	ND	5.0	"
Methylcyclohexane	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl acetate	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylene chloride	ND	10	"
n-Butylbenzene	ND	5.0	"
1,2,3-Trichlorobenzene	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 BK41269 - EPA 5035A

Blank (BK41269-BLK1)

Prepared: 11/26/2014 Analyzed: 11/27/2014

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

Surrogate: 1,2-Dichloroethane-d4	59.8	ug/L	50.0	120	77-125
Surrogate: p-Bromofluorobenzene	44.1	"	50.0	88.3	76-130
Surrogate: Toluene-d8	51.5	"	50.0	103	85-120

LCS (BK41269-BS1)

Prepared & Analyzed: 11/26/2014

1,1,1,2-Tetrachloroethane	53	ug/L	50.0	106	75-129
1,1,1-Trichloroethane	52	"	50.0	105	71-137
1,1,2,2-Tetrachloroethane	52	"	50.0	104	79-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	39	"	50.0	77.2	58-146
1,1,2-Trichloroethane	53	"	50.0	106	83-123
1,1-Dichloroethane	49	"	50.0	98.3	75-130
1,1-Dichloroethylene	42	"	50.0	83.7	64-137
Bromochloromethane	54	"	50.0	108	74-129
1,2,4-Trichlorobenzene	45	"	50.0	89.5	80-141
1,2,4-Trimethylbenzene	48	"	50.0	96.1	84-125
1,2-Dibromo-3-chloropropane	58	"	50.0	117	74-142
1,2-Dibromoethane	52	"	50.0	104	86-123
1,2-Dichlorobenzene	49	"	50.0	98.2	85-122
1,2-Dichloroethane	55	"	50.0	110	71-133
1,2-Dichloropropane	53	"	50.0	106	81-122
1,3,5-Trimethylbenzene	45	"	50.0	89.7	82-126
1,3-Dichlorobenzene	45	"	50.0	90.2	84-124
1,4-Dichlorobenzene	48	"	50.0	96.9	84-124
1,4-Dioxane	1200	"	1000	117	10-228
Cyclohexane	48	"	50.0	96.1	70-130
2-Butanone	46	"	50.0	91.8	58-147
2-Hexanone	52	"	50.0	104	70-139
4-Methyl-2-pentanone	58	"	50.0	117	72-132
Acetone	34	"	50.0	67.5	36-155
Acrolein	34	"	50.0	67.4	10-238
Acrylonitrile	50	"	50.0	101	66-141
Benzene	50	"	50.0	99.5	77-127
Bromodichloromethane	56	"	50.0	111	81-124
Bromoform	55	"	50.0	109	80-136
Bromomethane	34	"	50.0	67.1	32-177
Carbon disulfide	35	"	50.0	69.5	10-136
Carbon tetrachloride	54	"	50.0	108	66-143



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 BK41269 - EPA 5035A

LCS (BK41269-BS1)

Prepared & Analyzed: 11/26/2014

Chlorobenzene	50		ug/L	50.0		99.6	86-120				
Chloroethane	37		"	50.0		74.0	51-142				
Chloroform	52		"	50.0		105	76-131				
Chloromethane	48		"	50.0		95.4	49-132				
cis-1,2-Dichloroethylene	49		"	50.0		98.1	74-132				
cis-1,3-Dichloropropylene	50		"	50.0		99.5	81-129				
Dibromochloromethane	56		"	50.0		112	10-200				
Dibromomethane	57		"	50.0		113	83-124				
Dichlorodifluoromethane	56		"	50.0		112	28-158				
Ethyl Benzene	52		"	50.0		103	84-125				
Methylcyclohexane	48		"	50.0		97.0	70-130				
Hexachlorobutadiene	51		"	50.0		102	83-133				
Isopropylbenzene	53		"	50.0		106	81-127				
Methyl acetate	42		"	50.0		84.6	41-143				
Methyl tert-butyl ether (MTBE)	49		"	50.0		98.1	74-131				
Methylene chloride	46		"	50.0		91.6	57-141				
n-Butylbenzene	51		"	50.0		103	80-130				
1,2,3-Trichlorobenzene	45		"	50.0		89.0	81-140				
n-Propylbenzene	51		"	50.0		103	74-136				
o-Xylene	53		"	50.0		107	83-123				
p- & m- Xylenes	100		"	100		105	82-128				
p-Isopropyltoluene	47		"	50.0		94.1	85-125				
sec-Butylbenzene	48		"	50.0		95.8	83-125				
Styrene	53		"	50.0		106	86-126				
tert-Butyl alcohol (TBA)	54		"	50.0		108	70-130				
tert-Butylbenzene	50		"	50.0		101	80-127				
Tetrachloroethylene	50		"	50.0		100	80-129				
Toluene	51		"	50.0		102	85-121				
trans-1,2-Dichloroethylene	47		"	50.0		94.3	72-132				
trans-1,3-Dichloropropylene	49		"	50.0		98.8	78-132				
Trichloroethylene	52		"	50.0		105	84-123				
Trichlorofluoromethane	46		"	50.0		92.7	62-140				
Vinyl Chloride	37		"	50.0		73.7	52-130				
Surrogate: 1,2-Dichloroethane-d4	56.4		"	50.0		113	77-125				
Surrogate: p-Bromofluorobenzene	46.3		"	50.0		92.6	76-130				
Surrogate: Toluene-d8	50.2		"	50.0		100	85-120				



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 BK41269 - EPA 5035A											
LCS Dup (BK41269-BSD1)						Prepared & Analyzed: 11/26/2014					
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		108	75-129		0.972	30	
1,1,1-Trichloroethane	54		"	50.0		109	71-137		3.95	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		107	79-129		3.00	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	39		"	50.0		78.2	58-146		1.29	30	
1,1,2-Trichloroethane	56		"	50.0		112	83-123		5.25	30	
1,1-Dichloroethane	48		"	50.0		95.0	75-130		3.35	30	
1,1-Dichloroethylene	43		"	50.0		86.3	64-137		3.08	30	
Bromochloromethane	55		"	50.0		109	74-129		1.68	30	
1,2,4-Trichlorobenzene	46		"	50.0		91.4	80-141		2.10	30	
1,2,4-Trimethylbenzene	48		"	50.0		96.0	84-125		0.0417	30	
1,2-Dibromo-3-chloropropane	62		"	50.0		123	74-142		5.15	30	
1,2-Dibromoethane	55		"	50.0		109	86-123		4.87	30	
1,2-Dichlorobenzene	50		"	50.0		99.2	85-122		0.993	30	
1,2-Dichloroethane	56		"	50.0		112	71-133		2.16	30	
1,2-Dichloropropane	54		"	50.0		107	81-122		0.712	30	
1,3,5-Trimethylbenzene	44		"	50.0		88.2	82-126		1.73	30	
1,3-Dichlorobenzene	46		"	50.0		91.6	84-124		1.61	30	
1,4-Dichlorobenzene	49		"	50.0		97.3	84-124		0.433	30	
1,4-Dioxane	1200		"	1000		115	10-228		1.86	30	
Cyclohexane	50		"	50.0		101	70-130		4.75	30	
2-Butanone	49		"	50.0		98.3	58-147		6.84	30	
2-Hexanone	57		"	50.0		113	70-139		8.90	30	
4-Methyl-2-pentanone	57		"	50.0		113	72-132		3.36	30	
Acetone	30		"	50.0		61.0	36-155		10.2	30	
Acrolein	29		"	50.0		58.1	10-238		14.8	30	
Acrylonitrile	53		"	50.0		106	66-141		5.35	30	
Benzene	50		"	50.0		101	77-127		1.06	30	
Bromodichloromethane	57		"	50.0		114	81-124		2.14	30	
Bromoform	57		"	50.0		113	80-136		3.92	30	
Bromomethane	33		"	50.0		66.5	32-177		0.838	30	
Carbon disulfide	36		"	50.0		71.1	10-136		2.25	30	
Carbon tetrachloride	54		"	50.0		109	66-143		0.904	30	
Chlorobenzene	52		"	50.0		104	86-120		3.97	30	
Chloroethane	36		"	50.0		72.0	51-142		2.79	30	
Chloroform	53		"	50.0		106	76-131		1.57	30	
Chloromethane	39		"	50.0		78.1	49-132		19.9	30	
cis-1,2-Dichloroethylene	49		"	50.0		97.2	74-132		0.881	30	
cis-1,3-Dichloropropylene	52		"	50.0		104	81-129		4.36	30	
Dibromochloromethane	56		"	50.0		113	10-200		0.408	30	
Dibromomethane	56		"	50.0		113	83-124		0.690	30	
Dichlorodifluoromethane	48		"	50.0		95.3	28-158		16.3	30	
Ethyl Benzene	51		"	50.0		102	84-125		1.33	30	
Methylcyclohexane	49		"	50.0		97.8	70-130		0.801	30	
Hexachlorobutadiene	54		"	50.0		108	83-133		5.49	30	
Isopropylbenzene	52		"	50.0		103	81-127		2.12	30	
Methyl acetate	39		"	50.0		78.2	41-143		7.89	30	
Methyl tert-butyl ether (MTBE)	49		"	50.0		97.6	74-131		0.470	30	
Methylene chloride	47		"	50.0		94.2	57-141		2.80	30	
n-Butylbenzene	51		"	50.0		102	80-130		1.23	30	
1,2,3-Trichlorobenzene	48		"	50.0		96.0	81-140		7.50	30	
n-Propylbenzene	49		"	50.0		98.7	74-136		4.15	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK41269 - EPA 5035A

LCS Dup (BK41269-BSD1)

Prepared & Analyzed: 11/26/2014

o-Xylene	54		ug/L	50.0		107	83-123		0.543	30
p- & m- Xylenes	110		"	100		105	82-128		0.381	30
p-Isopropyltoluene	47		"	50.0		94.4	85-125		0.255	30
sec-Butylbenzene	49		"	50.0		97.7	83-125		1.96	30
Styrene	53		"	50.0		106	86-126		0.604	30
tert-Butyl alcohol (TBA)	53		"	50.0		106	70-130		1.46	30
tert-Butylbenzene	50		"	50.0		99.7	80-127		1.08	30
Tetrachloroethylene	51		"	50.0		101	80-129		0.814	30
Toluene	52		"	50.0		104	85-121		1.68	30
trans-1,2-Dichloroethylene	48		"	50.0		96.0	72-132		1.70	30
trans-1,3-Dichloropropylene	52		"	50.0		103	78-132		4.20	30
Trichloroethylene	51		"	50.0		102	84-123		2.44	30
Trichlorofluoromethane	46		"	50.0		91.0	62-140		1.83	30
Vinyl Chloride	35		"	50.0		69.8	52-130		5.38	30
Surrogate: 1,2-Dichloroethane-d4	54.2		"	50.0		108	77-125			
Surrogate: p-Bromofluorobenzene	43.9		"	50.0		87.7	76-130			
Surrogate: Toluene-d8	51.4		"	50.0		103	85-120			

Batch BL40029 - EPA 5035A

Blank (BL40029-BLK1)

Prepared & Analyzed: 12/01/2014

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet
Tentatively Identified Compounds	0.0		"
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	"
Bromochloromethane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
1,4-Dioxane	ND	100	"
Cyclohexane	ND	5.0	"
2-Butanone	ND	5.0	"
2-Hexanone	ND	5.0	"
4-Methyl-2-pentanone	ND	5.0	"
Acetone	5.5	10	"
Acrolein	ND	10	"
Acrylonitrile	ND	5.0	"
Benzene	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	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 BL40029 - EPA 5035A

Blank (BL40029-BLK1)

Prepared & Analyzed: 12/01/2014

Carbon disulfide	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	"								
Methylcyclohexane	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	3.4	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>77-125</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>48.6</i>		<i>"</i>	<i>50.0</i>		<i>97.3</i>	<i>76-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>51.2</i>		<i>"</i>	<i>50.0</i>		<i>102</i>	<i>85-120</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL40029 - EPA 5035A											
LCS (BL40029-BS1)						Prepared & Analyzed: 12/01/2014					
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		100	75-129				
1,1,1-Trichloroethane	51		"	50.0		102	71-137				
1,1,2,2-Tetrachloroethane	49		"	50.0		97.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		100	58-146				
1,1,2-Trichloroethane	52		"	50.0		104	83-123				
1,1-Dichloroethane	50		"	50.0		99.4	75-130				
1,1-Dichloroethylene	47		"	50.0		93.2	64-137				
Bromochloromethane	59		"	50.0		118	74-129				
1,2,4-Trichlorobenzene	47		"	50.0		94.4	80-141				
1,2,4-Trimethylbenzene	48		"	50.0		95.9	84-125				
1,2-Dibromo-3-chloropropane	50		"	50.0		99.2	74-142				
1,2-Dibromoethane	49		"	50.0		97.4	86-123				
1,2-Dichlorobenzene	48		"	50.0		95.8	85-122				
1,2-Dichloroethane	51		"	50.0		103	71-133				
1,2-Dichloropropane	47		"	50.0		93.1	81-122				
1,3,5-Trimethylbenzene	50		"	50.0		100	82-126				
1,3-Dichlorobenzene	48		"	50.0		96.8	84-124				
1,4-Dichlorobenzene	48		"	50.0		95.9	84-124				
1,4-Dioxane	1200		"	1000		124	10-228				
Cyclohexane	47		"	50.0		94.0	70-130				
2-Butanone	62		"	50.0		124	58-147				
2-Hexanone	44		"	50.0		88.2	70-139				
4-Methyl-2-pentanone	48		"	50.0		96.4	72-132				
Acetone	52		"	50.0		103	36-155				
Acrolein	130		"	50.0		266	10-238	High Bias			
Acrylonitrile	54		"	50.0		108	66-141				
Benzene	50		"	50.0		99.9	77-127				
Bromodichloromethane	51		"	50.0		102	81-124				
Bromoform	50		"	50.0		101	80-136				
Bromomethane	50		"	50.0		101	32-177				
Carbon disulfide	48		"	50.0		96.5	10-136				
Carbon tetrachloride	49		"	50.0		98.6	66-143				
Chlorobenzene	52		"	50.0		103	86-120				
Chloroethane	50		"	50.0		99.0	51-142				
Chloroform	52		"	50.0		104	76-131				
Chloromethane	45		"	50.0		90.5	49-132				
cis-1,2-Dichloroethylene	48		"	50.0		96.7	74-132				
cis-1,3-Dichloropropylene	53		"	50.0		106	81-129				
Dibromochloromethane	50		"	50.0		99.1	10-200				
Dibromomethane	52		"	50.0		104	83-124				
Dichlorodifluoromethane	44		"	50.0		88.8	28-158				
Ethyl Benzene	50		"	50.0		99.1	84-125				
Methylcyclohexane	50		"	50.0		101	70-130				
Hexachlorobutadiene	48		"	50.0		95.9	83-133				
Isopropylbenzene	49		"	50.0		97.7	81-127				
Methyl acetate	47		"	50.0		95.0	41-143				
Methyl tert-butyl ether (MTBE)	51		"	50.0		102	74-131				
Methylene chloride	41		"	50.0		82.4	57-141				
n-Butylbenzene	48		"	50.0		95.7	80-130				
1,2,3-Trichlorobenzene	48		"	50.0		95.9	81-140				
n-Propylbenzene	48		"	50.0		96.4	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 BL40029 - EPA 5035A											
LCS (BL40029-BS1)						Prepared & Analyzed: 12/01/2014					
o-Xylene	50		ug/L	50.0		101	83-123				
p- & m- Xylenes	100		"	100		101	82-128				
p-Isopropyltoluene	48		"	50.0		96.3	85-125				
sec-Butylbenzene	47		"	50.0		95.0	83-125				
Styrene	51		"	50.0		101	86-126				
tert-Butyl alcohol (TBA)	57		"	50.0		114	70-130				
tert-Butylbenzene	50		"	50.0		100	80-127				
Tetrachloroethylene	45		"	50.0		89.1	80-129				
Toluene	51		"	50.0		102	85-121				
trans-1,2-Dichloroethylene	48		"	50.0		95.4	72-132				
trans-1,3-Dichloropropylene	51		"	50.0		101	78-132				
Trichloroethylene	50		"	50.0		101	84-123				
Trichlorofluoromethane	50		"	50.0		100	62-140				
Vinyl Chloride	45		"	50.0		89.3	52-130				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>48.6</i>		<i>"</i>	<i>50.0</i>		<i>97.1</i>	<i>77-125</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>49.9</i>		<i>"</i>	<i>50.0</i>		<i>99.8</i>	<i>76-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>48.8</i>		<i>"</i>	<i>50.0</i>		<i>97.6</i>	<i>85-120</i>				
LCS Dup (BL40029-BSD1)						Prepared & Analyzed: 12/01/2014					
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		100	75-129		0.139	30	
1,1,1-Trichloroethane	53		"	50.0		107	71-137		4.46	30	
1,1,2,2-Tetrachloroethane	48		"	50.0		96.6	79-129		0.496	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		102	58-146		2.23	30	
1,1,2-Trichloroethane	53		"	50.0		106	83-123		1.58	30	
1,1-Dichloroethane	50		"	50.0		101	75-130		1.60	30	
1,1-Dichloroethylene	51		"	50.0		101	64-137		8.48	30	
Bromochloromethane	59		"	50.0		118	74-129		0.101	30	
1,2,4-Trichlorobenzene	48		"	50.0		96.1	80-141		1.76	30	
1,2,4-Trimethylbenzene	49		"	50.0		98.2	84-125		2.31	30	
1,2-Dibromo-3-chloropropane	54		"	50.0		107	74-142		7.86	30	
1,2-Dibromoethane	50		"	50.0		101	86-123		3.21	30	
1,2-Dichlorobenzene	49		"	50.0		98.8	85-122		3.08	30	
1,2-Dichloroethane	53		"	50.0		106	71-133		3.08	30	
1,2-Dichloropropane	50		"	50.0		100	81-122		7.63	30	
1,3,5-Trimethylbenzene	50		"	50.0		99.1	82-126		1.40	30	
1,3-Dichlorobenzene	49		"	50.0		97.5	84-124		0.659	30	
1,4-Dichlorobenzene	50		"	50.0		99.2	84-124		3.36	30	
1,4-Dioxane	1100		"	1000		112	10-228		9.94	30	
Cyclohexane	49		"	50.0		98.2	70-130		4.31	30	
2-Butanone	56		"	50.0		111	58-147		10.5	30	
2-Hexanone	42		"	50.0		84.6	70-139		4.12	30	
4-Methyl-2-pentanone	47		"	50.0		93.9	72-132		2.63	30	
Acetone	47		"	50.0		93.4	36-155		9.95	30	
Acrolein	130		"	50.0		261	10-238	High Bias	1.76	30	
Acrylonitrile	53		"	50.0		106	66-141		1.99	30	
Benzene	51		"	50.0		102	77-127		2.00	30	
Bromodichloromethane	54		"	50.0		108	81-124		5.91	30	
Bromoform	53		"	50.0		105	80-136		4.35	30	
Bromomethane	49		"	50.0		99.0	32-177		1.72	30	
Carbon disulfide	48		"	50.0		95.3	10-136		1.33	30	
Carbon tetrachloride	52		"	50.0		103	66-143		4.73	30	
Chlorobenzene	50		"	50.0		99.7	86-120		3.29	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 BL40029 - EPA 5035A											
LCS Dup (BL40029-BSD1)						Prepared & Analyzed: 12/01/2014					
Chloroethane	50		ug/L	50.0		99.3	51-142		0.303	30	
Chloroform	52		"	50.0		104	76-131		0.232	30	
Chloromethane	45		"	50.0		90.2	49-132		0.332	30	
cis-1,2-Dichloroethylene	50		"	50.0		99.5	74-132		2.79	30	
cis-1,3-Dichloropropylene	53		"	50.0		107	81-129		1.09	30	
Dibromochloromethane	52		"	50.0		103	10-200		4.21	30	
Dibromomethane	53		"	50.0		105	83-124		1.80	30	
Dichlorodifluoromethane	46		"	50.0		91.4	28-158		2.86	30	
Ethyl Benzene	51		"	50.0		102	84-125		2.65	30	
Methylcyclohexane	51		"	50.0		102	70-130		1.61	30	
Hexachlorobutadiene	46		"	50.0		92.7	83-133		3.37	30	
Isopropylbenzene	50		"	50.0		101	81-127		3.16	30	
Methyl acetate	49		"	50.0		98.5	41-143		3.66	30	
Methyl tert-butyl ether (MTBE)	52		"	50.0		105	74-131		2.24	30	
Methylene chloride	42		"	50.0		83.0	57-141		0.774	30	
n-Butylbenzene	49		"	50.0		97.0	80-130		1.33	30	
1,2,3-Trichlorobenzene	48		"	50.0		95.8	81-140		0.104	30	
n-Propylbenzene	50		"	50.0		100	74-136		3.83	30	
o-Xylene	50		"	50.0		100	83-123		0.536	30	
p- & m- Xylenes	71		"	100		71.4	82-128	Low Bias	34.4	30	Non-dir.
p-Isopropyltoluene	48		"	50.0		95.9	85-125		0.416	30	
sec-Butylbenzene	49		"	50.0		98.4	83-125		3.58	30	
Styrene	50		"	50.0		100	86-126		0.990	30	
tert-Butyl alcohol (TBA)	53		"	50.0		106	70-130		6.61	30	
tert-Butylbenzene	51		"	50.0		103	80-127		2.60	30	
Tetrachloroethylene	45		"	50.0		90.6	80-129		1.69	30	
Toluene	51		"	50.0		102	85-121		0.314	30	
trans-1,2-Dichloroethylene	49		"	50.0		98.9	72-132		3.66	30	
trans-1,3-Dichloropropylene	52		"	50.0		104	78-132		3.05	30	
Trichloroethylene	51		"	50.0		101	84-123		0.555	30	
Trichlorofluoromethane	50		"	50.0		100	62-140		0.539	30	
Vinyl Chloride	46		"	50.0		92.2	52-130		3.19	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.4</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>77-125</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>51.0</i>		<i>"</i>	<i>50.0</i>		<i>102</i>	<i>76-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>50.7</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>85-120</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK41248 - EPA 3545A

Blank (BK41248-BLK1)

Prepared & Analyzed: 11/26/2014

Acenaphthene	ND	62.6	ug/kg wet
Acenaphthylene	ND	62.6	"
Acetophenone	ND	62.6	"
Anthracene	ND	62.6	"
Atrazine	ND	62.6	"
Benzaldehyde	ND	62.6	"
Benzidine	ND	250	"
Benzo(a)anthracene	ND	62.6	"
Benzo(a)pyrene	ND	62.6	"
Benzo(b)fluoranthene	ND	62.6	"
Benzo(g,h,i)perylene	ND	62.6	"
Benzoic acid	ND	62.6	"
Benzo(k)fluoranthene	ND	62.6	"
Benzyl butyl phthalate	ND	62.6	"
1,1'-Biphenyl	ND	62.6	"
4-Bromophenyl phenyl ether	ND	62.6	"
Caprolactam	ND	125	"
Carbazole	ND	62.6	"
4-Chloroaniline	ND	62.6	"
Bis(2-chloroethoxy)methane	ND	62.6	"
Bis(2-chloroethyl)ether	ND	62.6	"
Bis(2-chloroisopropyl)ether	ND	62.6	"
2-Chloronaphthalene	ND	62.6	"
2-Chlorophenol	ND	62.6	"
4-Chlorophenyl phenyl ether	ND	62.6	"
Chrysene	ND	62.6	"
Dibenzo(a,h)anthracene	ND	62.6	"
Dibenzofuran	ND	62.6	"
Di-n-butyl phthalate	ND	62.6	"
1,2-Dichlorobenzene	ND	62.6	"
1,3-Dichlorobenzene	ND	62.6	"
1,4-Dichlorobenzene	ND	62.6	"
3,3'-Dichlorobenzidine	ND	62.6	"
2,4-Dichlorophenol	ND	62.6	"
Diethyl phthalate	ND	62.6	"
2,4-Dimethylphenol	ND	62.6	"
Dimethyl phthalate	ND	62.6	"
4,6-Dinitro-2-methylphenol	ND	125	"
2,4-Dinitrophenol	ND	125	"
2,4-Dinitrotoluene	ND	62.6	"
2,6-Dinitrotoluene	ND	62.6	"
Di-n-octyl phthalate	ND	62.6	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	62.6	"
Bis(2-ethylhexyl)phthalate	ND	62.6	"
Fluoranthene	ND	62.6	"
Fluorene	ND	62.6	"
Hexachlorobenzene	ND	62.6	"
Hexachlorobutadiene	ND	62.6	"
Hexachlorocyclopentadiene	ND	62.6	"
Hexachloroethane	ND	62.6	"
Indeno(1,2,3-cd)pyrene	ND	62.6	"



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 BK41248 - EPA 3545A

Blank (BK41248-BLK1)

Prepared & Analyzed: 11/26/2014

Isophorone	ND	62.6	ug/kg wet								
2-Methylnaphthalene	ND	62.6	"								
2-Methylphenol	ND	62.6	"								
3- & 4-Methylphenols	ND	62.6	"								
Naphthalene	ND	62.6	"								
4-Nitroaniline	ND	125	"								
2-Nitroaniline	ND	125	"								
3-Nitroaniline	ND	125	"								
Nitrobenzene	ND	62.6	"								
2-Nitrophenol	ND	62.6	"								
4-Nitrophenol	ND	125	"								
N-nitroso-di-n-propylamine	ND	62.6	"								
N-Nitrosodimethylamine	ND	62.6	"								
N-Nitrosodiphenylamine	ND	62.6	"								
Pentachlorophenol	ND	62.6	"								
Phenanthrene	ND	62.6	"								
Phenol	ND	62.6	"								
Pyrene	ND	62.6	"								
1,2,4-Trichlorobenzene	ND	62.6	"								
2,4,6-Trichlorophenol	ND	62.6	"								
2,4,5-Trichlorophenol	ND	62.6	"								
<i>Surrogate: 2-Fluorophenol</i>	<i>2700</i>		<i>"</i>	<i>3750</i>		<i>72.0</i>	<i>10-99</i>				
<i>Surrogate: Phenol-d5</i>	<i>2730</i>		<i>"</i>	<i>3760</i>		<i>72.5</i>	<i>10-108</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1660</i>		<i>"</i>	<i>2500</i>		<i>66.4</i>	<i>10-119</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1630</i>		<i>"</i>	<i>2500</i>		<i>65.1</i>	<i>10-114</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>1560</i>		<i>"</i>	<i>3760</i>		<i>41.5</i>	<i>10-106</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>1490</i>		<i>"</i>	<i>2500</i>		<i>59.6</i>	<i>10-123</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41248 - EPA 3545A											
LCS (BK41248-BS1)						Prepared & Analyzed: 11/26/2014					
Acenaphthene	2090	62.6	ug/kg wet	2500		83.5	17-124				
Acenaphthylene	2040	62.6	"	2500		81.5	16-124				
Acetophenone	1920	62.6	"	2500		77.0	28-105				
Anthracene	2040	62.6	"	2500		81.7	24-124				
Atrazine	1950	62.6	"	2500		78.0	22-120				
Benzaldehyde	2400	62.6	"	2500		96.0	21-100				
Benzo(a)anthracene	1640	62.6	"	2500		65.5	25-134				
Benzo(a)pyrene	1960	62.6	"	2500		78.5	29-144				
Benzo(b)fluoranthene	2010	62.6	"	2500		80.3	20-151				
Benzo(g,h,i)perylene	2100	62.6	"	2500		84.0	10-153				
Benzoic acid	87.0	62.6	"	2500		3.48	10-116	Low Bias			
Benzo(k)fluoranthene	1720	62.6	"	2500		68.8	10-148				
Benzyl butyl phthalate	2070	62.6	"	2500		82.8	10-132				
1,1'-Biphenyl	2030	62.6	"	2500		81.1	22-103				
4-Bromophenyl phenyl ether	1720	62.6	"	2500		68.9	30-138				
Caprolactam	1970	125	"	2500		78.7	10-123				
Carbazole	2140	62.6	"	2500		85.7	31-120				
4-Chloroaniline	1800	62.6	"	2500		72.2	10-117				
Bis(2-chloroethoxy)methane	2080	62.6	"	2500		83.4	10-129				
Bis(2-chloroethyl)ether	2200	62.6	"	2500		88.1	14-125				
Bis(2-chloroisopropyl)ether	2080	62.6	"	2500		83.3	14-122				
2-Chloronaphthalene	2110	62.6	"	2500		84.3	22-115				
2-Chlorophenol	2060	62.6	"	2500		82.5	25-121				
4-Chlorophenyl phenyl ether	1970	62.6	"	2500		78.9	18-132				
Chrysene	1970	62.6	"	2500		78.9	24-116				
Dibenzo(a,h)anthracene	2040	62.6	"	2500		81.7	17-147				
Dibenzofuran	2120	62.6	"	2500		84.7	23-123				
Di-n-butyl phthalate	2100	62.6	"	2500		83.8	19-123				
1,2-Dichlorobenzene	2050	62.6	"	2500		82.1	26-113				
1,3-Dichlorobenzene	2020	62.6	"	2500		80.8	32-113				
1,4-Dichlorobenzene	2000	62.6	"	2500		80.0	28-111				
3,3'-Dichlorobenzidine	1920	62.6	"	2500		76.8	10-147				
2,4-Dichlorophenol	1980	62.6	"	2500		79.2	23-133				
Diethyl phthalate	2100	62.6	"	2500		84.1	23-122				
2,4-Dimethylphenol	2140	62.6	"	2500		85.5	15-131				
Dimethyl phthalate	2200	62.6	"	2500		87.8	28-127				
4,6-Dinitro-2-methylphenol	2130	125	"	2500		85.3	10-149				
2,4-Dinitrophenol	2600	125	"	2500		104	10-149				
2,4-Dinitrotoluene	2320	62.6	"	2500		92.8	30-123				
2,6-Dinitrotoluene	2110	62.6	"	2500		84.3	30-125				
Di-n-octyl phthalate	2270	62.6	"	2500		90.7	10-132				
1,2-Diphenylhydrazine (as Azobenzene)	2080	62.6	"	2500		83.1	10-140				
Bis(2-ethylhexyl)phthalate	2330	62.6	"	2500		93.2	10-141				
Fluoranthene	1980	62.6	"	2500		79.4	36-125				
Fluorene	2150	62.6	"	2500		86.1	16-130				
Hexachlorobenzene	2050	62.6	"	2500		82.2	10-129				
Hexachlorobutadiene	1750	62.6	"	2500		70.0	22-153				
Hexachlorocyclopentadiene	1480	62.6	"	2500		59.0	10-134				
Hexachloroethane	1940	62.6	"	2500		77.5	20-112				
Indeno(1,2,3-cd)pyrene	2020	62.6	"	2500		80.7	10-155				
Isophorone	1900	62.6	"	2500		76.1	14-131				



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 BK41248 - EPA 3545A

LCS (BK41248-BS1)

Prepared & Analyzed: 11/26/2014

2-Methylnaphthalene	2140	62.6	ug/kg wet	2500		85.4	16-127				
2-Methylphenol	2020	62.6	"	2500		80.8	10-146				
3- & 4-Methylphenols	1960	62.6	"	2500		78.6	20-109				
Naphthalene	2080	62.6	"	2500		83.4	20-121				
4-Nitroaniline	2190	125	"	2500		87.5	14-125				
2-Nitroaniline	2230	125	"	2500		89.3	24-126				
3-Nitroaniline	2040	125	"	2500		81.6	23-123				
Nitrobenzene	1910	62.6	"	2500		76.3	20-121				
2-Nitrophenol	2020	62.6	"	2500		80.7	17-129				
4-Nitrophenol	2010	125	"	2500		80.4	10-136				
N-nitroso-di-n-propylamine	1940	62.6	"	2500		77.7	21-119				
N-Nitrosodimethylamine	1550	62.6	"	2500		62.0	10-124				
N-Nitrosodiphenylamine	2380	62.6	"	2500		95.3	10-163				
Pentachlorophenol	1470	62.6	"	2500		58.9	10-143				
Phenanthrene	2130	62.6	"	2500		85.1	24-123				
Phenol	1960	62.6	"	2500		78.2	15-123				
Pyrene	1960	62.6	"	2500		78.4	24-132				
1,2,4-Trichlorobenzene	1940	62.6	"	2500		77.5	23-130				
2,4,6-Trichlorophenol	1950	62.6	"	2500		78.2	27-122				
2,4,5-Trichlorophenol	1880	62.6	"	2500		75.4	14-138				
Surrogate: 2-Fluorophenol	2600		"	3750		69.3	10-99				
Surrogate: Phenol-d5	2500		"	3760		66.5	10-108				
Surrogate: Nitrobenzene-d5	1560		"	2500		62.3	10-119				
Surrogate: 2-Fluorobiphenyl	1630		"	2500		65.1	10-114				
Surrogate: 2,4,6-Tribromophenol	1670		"	3760		44.5	30-130				
Surrogate: Terphenyl-d14	1370		"	2500		54.6	10-123				

LCS Dup (BK41248-BS1)

Prepared & Analyzed: 11/26/2014

Acenaphthene	2010	62.6	ug/kg wet	2500		80.3	17-124		3.91	30	
Acenaphthylene	2000	62.6	"	2500		79.9	16-124		2.01	30	
Acetophenone	1900	62.6	"	2500		76.0	28-105		1.25	30	
Anthracene	2040	62.6	"	2500		81.8	24-124		0.0245	30	
Atrazine	1880	62.6	"	2500		75.2	22-120		3.58	30	
Benzaldehyde	2320	62.6	"	2500		92.9	21-100		3.26	30	
Benzo(a)anthracene	1580	62.6	"	2500		63.4	25-134		3.26	30	
Benzo(a)pyrene	1920	62.6	"	2500		76.6	29-144		2.35	30	
Benzo(b)fluoranthene	2010	62.6	"	2500		80.4	20-151		0.199	30	
Benzo(g,h,i)perylene	2010	62.6	"	2500		80.5	10-153		4.28	30	
Benzoic acid	84.5	62.6	"	2500		3.38	10-116	Low Bias	2.92	30	
Benzo(k)fluoranthene	1700	62.6	"	2500		67.9	10-148		1.38	30	
Benzyl butyl phthalate	2020	62.6	"	2500		80.6	10-132		2.69	30	
1,1'-Biphenyl	1960	62.6	"	2500		78.2	22-103		3.66	30	
4-Bromophenyl phenyl ether	1670	62.6	"	2500		67.0	30-138		2.88	30	
Caprolactam	1920	125	"	2500		77.0	10-123		2.26	30	
Carbazole	2090	62.6	"	2500		83.6	31-120		2.39	30	
4-Chloroaniline	1770	62.6	"	2500		70.7	10-117		2.07	30	
Bis(2-chloroethoxy)methane	2040	62.6	"	2500		81.5	10-129		2.31	30	
Bis(2-chloroethyl)ether	2160	62.6	"	2500		86.3	14-125		2.02	30	
Bis(2-chloroisopropyl)ether	2070	62.6	"	2500		82.8	14-122		0.626	30	
2-Chloronaphthalene	2020	62.6	"	2500		80.9	22-115		4.14	30	
2-Chlorophenol	2010	62.6	"	2500		80.5	25-121		2.53	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 BK41248 - EPA 3545A											
LCS Dup (BK41248-BSD1)						Prepared & Analyzed: 11/26/2014					
4-Chlorophenyl phenyl ether	1930	62.6	ug/kg wet	2500		77.2	18-132		2.20	30	
Chrysene	1940	62.6	"	2500		77.5	24-116		1.87	30	
Dibenzo(a,h)anthracene	1950	62.6	"	2500		78.2	17-147		4.48	30	
Dibenzofuran	2050	62.6	"	2500		82.1	23-123		3.12	30	
Di-n-butyl phthalate	2060	62.6	"	2500		82.2	19-123		1.93	30	
1,2-Dichlorobenzene	2020	62.6	"	2500		80.7	26-113		1.67	30	
1,3-Dichlorobenzene	1970	62.6	"	2500		78.9	32-113		2.38	30	
1,4-Dichlorobenzene	1990	62.6	"	2500		79.6	28-111		0.501	30	
3,3'-Dichlorobenzidine	1960	62.6	"	2500		78.5	10-147		2.16	30	
2,4-Dichlorophenol	1950	62.6	"	2500		77.9	23-133		1.71	30	
Diethyl phthalate	2070	62.6	"	2500		82.9	23-122		1.51	30	
2,4-Dimethylphenol	2080	62.6	"	2500		83.2	15-131		2.70	30	
Dimethyl phthalate	2150	62.6	"	2500		86.1	28-127		2.00	30	
4,6-Dinitro-2-methylphenol	2120	125	"	2500		84.7	10-149		0.706	30	
2,4-Dinitrophenol	2600	125	"	2500		104	10-149		0.192	30	
2,4-Dinitrotoluene	2290	62.6	"	2500		91.7	30-123		1.19	30	
2,6-Dinitrotoluene	2050	62.6	"	2500		82.2	30-125		2.59	30	
Di-n-octyl phthalate	2200	62.6	"	2500		88.0	10-132		3.05	30	
1,2-Diphenylhydrazine (as Azobenzene)	2030	62.6	"	2500		81.1	10-140		2.44	30	
Bis(2-ethylhexyl)phthalate	2250	62.6	"	2500		90.1	10-141		3.38	30	
Fluoranthene	1930	62.6	"	2500		77.2	36-125		2.84	30	
Fluorene	2080	62.6	"	2500		83.0	16-130		3.60	30	
Hexachlorobenzene	1980	62.6	"	2500		79.4	10-129		3.44	30	
Hexachlorobutadiene	1720	62.6	"	2500		68.7	22-153		1.82	30	
Hexachlorocyclopentadiene	1480	62.6	"	2500		59.1	10-134		0.169	30	
Hexachloroethane	1920	62.6	"	2500		76.9	20-112		0.777	30	
Indeno(1,2,3-cd)pyrene	1920	62.6	"	2500		76.7	10-155		5.06	30	
Isophorone	1850	62.6	"	2500		74.1	14-131		2.61	30	
2-Methylnaphthalene	2060	62.6	"	2500		82.4	16-127		3.57	30	
2-Methylphenol	1960	62.6	"	2500		78.4	10-146		3.02	30	
3- & 4-Methylphenols	1900	62.6	"	2500		75.9	20-109		3.47	30	
Naphthalene	2040	62.6	"	2500		81.6	20-121		2.21	30	
4-Nitroaniline	2130	125	"	2500		85.4	14-125		2.50	30	
2-Nitroaniline	2180	125	"	2500		87.1	24-126		2.47	30	
3-Nitroaniline	2010	125	"	2500		80.3	23-123		1.58	30	
Nitrobenzene	1860	62.6	"	2500		74.5	20-121		2.31	30	
2-Nitrophenol	1970	62.6	"	2500		79.0	17-129		2.15	30	
4-Nitrophenol	1930	125	"	2500		77.1	10-136		4.16	30	
N-nitroso-di-n-propylamine	1890	62.6	"	2500		75.6	21-119		2.74	30	
N-Nitrosodimethylamine	1780	62.6	"	2500		71.3	10-124		13.9	30	
N-Nitrosodiphenylamine	2320	62.6	"	2500		92.8	10-163		2.66	30	
Pentachlorophenol	1440	62.6	"	2500		57.5	10-143		2.40	30	
Phenanthrene	2080	62.6	"	2500		83.1	24-123		2.45	30	
Phenol	2080	62.6	"	2500		83.3	15-123		6.31	30	
Pyrene	1920	62.6	"	2500		76.8	24-132		2.09	30	
1,2,4-Trichlorobenzene	1900	62.6	"	2500		76.0	23-130		1.98	30	
2,4,6-Trichlorophenol	1860	62.6	"	2500		74.5	27-122		4.77	30	
2,4,5-Trichlorophenol	1860	62.6	"	2500		74.4	14-138		1.28	30	
Surrogate: 2-Fluorophenol	2520		"	3750		67.2	10-99				
Surrogate: Phenol-d5	2400		"	3760		63.8	10-108				
Surrogate: Nitrobenzene-d5	1510		"	2500		60.4	10-119				



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 BK41248 - EPA 3545A											
LCS Dup (BK41248-BSD1)						Prepared & Analyzed: 11/26/2014					
Surrogate: 2-Fluorobiphenyl	1560		ug/kg wet	2500		62.2	10-114				
Surrogate: 2,4,6-Tribromophenol	1590		"	3760		42.4	30-130				
Surrogate: Terphenyl-d14	1310		"	2500		52.1	10-123				
Matrix Spike (BK41248-MS1)						*Source sample: 14K0841-01 (C2 Comp (0-3)) Prepared: 11/26/2014 Analyzed: 11/27/2014					
Acenaphthene	2710	151	ug/kg dry	3010	365	77.8	13-133				
Acenaphthylene	2710	151	"	3010	241	81.9	25-125				
Acetophenone	2500	151	"	3010	ND	82.9	25-105				
Anthracene	2830	151	"	3010	723	69.9	27-128				
Atrazine	2230	151	"	3010	ND	73.8	10-139				
Benzaldehyde	2780	151	"	3010	ND	92.4	24-96				
Benzo(a)anthracene	1720	151	"	3010	1760	NR	20-147	Low Bias			
Benzo(a)pyrene	1030	151	"	3010	1170	NR	18-153	Low Bias			
Benzo(b)fluoranthene	1230	151	"	3010	1220	0.340	10-163	Low Bias			
Benzo(g,h,i)perylene	1040	151	"	3010	705	11.0	10-157				
Benzoic acid	193	151	"	3010	ND	6.40	10-130	Low Bias			
Benzo(k)fluoranthene	1290	151	"	3010	1190	3.04	10-157	Low Bias			
Benzyl butyl phthalate	2210	151	"	3010	ND	73.3	10-129				
1,1'-Biphenyl	2550	151	"	3010	ND	84.5	24-112				
4-Bromophenyl phenyl ether	2160	151	"	3010	ND	71.5	32-148				
Caprolactam	1000	301	"	3010	ND	33.3	10-100				
Carbazole	2660	151	"	3010	289	78.6	24-139				
4-Chloroaniline	1900	151	"	3010	ND	63.2	10-124				
Bis(2-chloroethoxy)methane	2440	151	"	3010	ND	81.0	12-128				
Bis(2-chloroethyl)ether	2180	151	"	3010	ND	72.4	18-113				
Bis(2-chloroisopropyl)ether	2430	151	"	3010	ND	80.6	10-130				
2-Chloronaphthalene	2620	151	"	3010	ND	87.0	31-116				
2-Chlorophenol	2120	151	"	3010	ND	70.4	28-114				
4-Chlorophenyl phenyl ether	2550	151	"	3010	ND	84.6	10-153				
Chrysene	3260	151	"	3010	1650	53.6	18-133				
Dibenzo(a,h)anthracene	1100	151	"	3010	368	24.4	10-146				
Dibenzofuran	2740	151	"	3010	ND	90.8	26-134				
Di-n-butyl phthalate	2660	151	"	3010	410	74.6	20-128				
1,2-Dichlorobenzene	2090	151	"	3010	ND	69.3	29-106				
1,3-Dichlorobenzene	1950	151	"	3010	ND	64.6	34-100				
1,4-Dichlorobenzene	1980	151	"	3010	ND	65.7	26-107				
3,3'-Dichlorobenzidine	222	151	"	3010	ND	7.36	10-134	Low Bias			
2,4-Dichlorophenol	2200	151	"	3010	ND	72.9	16-144				
Diethyl phthalate	2540	151	"	3010	ND	84.2	30-119				
2,4-Dimethylphenol	1280	151	"	3010	ND	42.5	11-133				
Dimethyl phthalate	2550	151	"	3010	ND	84.6	34-120				
4,6-Dinitro-2-methylphenol	ND	301	"	3010	ND		10-149	Low Bias			
2,4-Dinitrophenol	ND	301	"	3010	ND		10-132	Low Bias			
2,4-Dinitrotoluene	2520	151	"	3010	ND	83.5	42-113				
2,6-Dinitrotoluene	2470	151	"	3010	ND	81.8	36-124				
Di-n-octyl phthalate	2870	151	"	3010	ND	95.3	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	2530	151	"	3010	ND	84.0	10-135				
Bis(2-ethylhexyl)phthalate	2770	151	"	3010	ND	91.9	10-138				
Fluoranthene	3440	151	"	3010	3340	3.10	10-155	Low Bias			
Fluorene	2850	151	"	3010	322	83.8	12-150				
Hexachlorobenzene	2460	151	"	3010	ND	81.5	16-142				
Hexachlorobutadiene	1900	151	"	3010	ND	63.0	11-150				



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 BK41248 - EPA 3545A

Matrix Spike (BK41248-MS1)	*Source sample: 14K0841-01 (C2 Comp (0-3))							Prepared: 11/26/2014 Analyzed: 11/27/2014			
Hexachlorocyclopentadiene	ND	151	ug/kg dry	3010	ND		10-115	Low Bias			
Hexachloroethane	1500	151	"	3010	ND	49.9	14-106				
Indeno(1,2,3-cd)pyrene	1180	151	"	3010	660	17.4	10-155	Low Bias			
Isophorone	2300	151	"	3010	ND	76.2	14-127				
2-Methylnaphthalene	2780	151	"	3010	220	84.9	10-143				
2-Methylphenol	1670	151	"	3010	ND	55.5	10-160				
3- & 4-Methylphenols	1870	151	"	3010	ND	62.1	16-115				
Naphthalene	2530	151	"	3010	ND	83.9	15-132				
4-Nitroaniline	2040	301	"	3010	ND	67.8	10-151				
2-Nitroaniline	2580	301	"	3010	ND	85.6	33-122				
3-Nitroaniline	2000	301	"	3010	ND	66.3	24-128				
Nitrobenzene	2180	151	"	3010	ND	72.3	18-125				
2-Nitrophenol	2070	151	"	3010	ND	68.7	12-127				
4-Nitrophenol	1640	301	"	3010	ND	54.4	10-141				
N-nitroso-di-n-propylamine	2370	151	"	3010	ND	78.6	23-115				
N-Nitrosodimethylamine	1730	151	"	3010	ND	57.3	10-123				
N-Nitrosodiphenylamine	2750	151	"	3010	ND	91.3	16-166				
Pentachlorophenol	1090	151	"	3010	ND	36.2	10-160				
Phenanthrene	3470	151	"	3010	2600	28.7	10-151				
Phenol	2130	151	"	3010	ND	70.7	11-124				
Pyrene	3250	151	"	3010	2900	11.4	13-148				
1,2,4-Trichlorobenzene	2080	151	"	3010	ND	68.9	15-139				
2,4,6-Trichlorophenol	2240	151	"	3010	ND	74.2	12-138				
2,4,5-Trichlorophenol	2040	151	"	3010	ND	67.5	10-148				
<i>Surrogate: 2-Fluorophenol</i>	<i>2130</i>		<i>"</i>	<i>4520</i>		<i>47.1</i>	<i>10-99</i>				
<i>Surrogate: Phenol-d5</i>	<i>2600</i>		<i>"</i>	<i>4530</i>		<i>57.3</i>	<i>10-108</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1580</i>		<i>"</i>	<i>3010</i>		<i>52.5</i>	<i>10-119</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1880</i>		<i>"</i>	<i>3010</i>		<i>62.3</i>	<i>10-114</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>1720</i>		<i>"</i>	<i>4530</i>		<i>37.9</i>	<i>30-130</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>1580</i>		<i>"</i>	<i>3020</i>		<i>52.4</i>	<i>10-123</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BL40003 - EPA 3550C

Blank (BL40003-BLK1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Acenaphthene	ND	41.7	ug/kg wet
Acenaphthylene	ND	41.7	"
Acetophenone	ND	41.7	"
Anthracene	ND	41.7	"
Atrazine	ND	41.7	"
Benzaldehyde	ND	41.7	"
Benzidine	ND	167	"
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	"
Benzoic acid	ND	41.7	"
Benzo(k)fluoranthene	ND	41.7	"
Benzyl butyl phthalate	ND	41.7	"
1,1'-Biphenyl	ND	41.7	"
4-Bromophenyl phenyl ether	ND	41.7	"
Caprolactam	ND	83.3	"
Carbazole	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	45.7	41.7	"
1,2-Dichlorobenzene	ND	41.7	"
1,3-Dichlorobenzene	ND	41.7	"
1,4-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	"
1,2-Diphenylhydrazine (as Azobenzene)	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	"



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 BL40003 - EPA 3550C

Blank (BL40003-BLK1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Isophorone	ND	41.7	ug/kg wet								
2-Methylnaphthalene	ND	41.7	"								
2-Methylphenol	ND	41.7	"								
3- & 4-Methylphenols	ND	41.7	"								
Naphthalene	ND	41.7	"								
4-Nitroaniline	ND	83.3	"								
2-Nitroaniline	ND	83.3	"								
3-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	"								
1,2,4-Trichlorobenzene	ND	41.7	"								
2,4,6-Trichlorophenol	ND	41.7	"								
2,4,5-Trichlorophenol	ND	41.7	"								
Surrogate: 2-Fluorophenol	1820		"	2500		72.8	10-99				
Surrogate: Phenol-d5	1970		"	2510		78.5	10-108				
Surrogate: Nitrobenzene-d5	1230		"	1670		73.7	10-119				
Surrogate: 2-Fluorobiphenyl	1000		"	1670		60.3	10-114				
Surrogate: 2,4,6-Tribromophenol	2320		"	2510		92.5	10-106				
Surrogate: Terphenyl-d14	1360		"	1670		81.7	10-123				



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 BL40003 - EPA 3550C

LCS (BL40003-BS1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Acenaphthene	793	41.7	ug/kg wet	1670		47.6	17-124				
Acenaphthylene	780	41.7	"	1670		46.8	16-124				
Acetophenone	926	41.7	"	1670		55.6	28-105				
Anthracene	895	41.7	"	1670		53.7	24-124				
Atrazine	914	41.7	"	1670		54.8	22-120				
Benzaldehyde	903	41.7	"	1670		54.2	21-100				
Benzo(a)anthracene	1020	41.7	"	1670		61.3	25-134				
Benzo(a)pyrene	1010	41.7	"	1670		60.6	29-144				
Benzo(b)fluoranthene	898	41.7	"	1670		53.9	20-151				
Benzo(g,h,i)perylene	1280	41.7	"	1670		77.0	10-153				
Benzoic acid	975	41.7	"	1670		58.5	10-116				
Benzo(k)fluoranthene	1000	41.7	"	1670		60.3	10-148				
Benzyl butyl phthalate	862	41.7	"	1670		51.7	10-132				
1,1'-Biphenyl	788	41.7	"	1670		47.3	22-103				
4-Bromophenyl phenyl ether	965	41.7	"	1670		57.9	30-138				
Caprolactam	962	83.3	"	1670		57.7	10-123				
Carbazole	979	41.7	"	1670		58.7	31-120				
4-Chloroaniline	764	41.7	"	1670		45.8	10-117				
Bis(2-chloroethoxy)methane	748	41.7	"	1670		44.9	10-129				
Bis(2-chloroethyl)ether	806	41.7	"	1670		48.4	14-125				
Bis(2-chloroisopropyl)ether	928	41.7	"	1670		55.7	14-122				
2-Chloronaphthalene	837	41.7	"	1670		50.2	22-115				
2-Chlorophenol	849	41.7	"	1670		51.0	25-121				
4-Chlorophenyl phenyl ether	854	41.7	"	1670		51.2	18-132				
Chrysene	831	41.7	"	1670		49.9	24-116				
Dibenzo(a,h)anthracene	1270	41.7	"	1670		76.4	17-147				
Dibenzofuran	888	41.7	"	1670		53.3	23-123				
Di-n-butyl phthalate	917	41.7	"	1670		55.0	19-123				
1,2-Dichlorobenzene	768	41.7	"	1670		46.1	26-113				
1,3-Dichlorobenzene	852	41.7	"	1670		51.1	32-113				
1,4-Dichlorobenzene	745	41.7	"	1670		44.7	28-111				
3,3'-Dichlorobenzidine	1130	41.7	"	1670		67.9	10-147				
2,4-Dichlorophenol	783	41.7	"	1670		47.0	23-133				
Diethyl phthalate	906	41.7	"	1670		54.4	23-122				
2,4-Dimethylphenol	795	41.7	"	1670		47.7	15-131				
Dimethyl phthalate	941	41.7	"	1670		56.4	28-127				
4,6-Dinitro-2-methylphenol	1090	83.3	"	1670		65.4	10-149				
2,4-Dinitrophenol	1220	83.3	"	1670		73.1	10-149				
2,4-Dinitrotoluene	1150	41.7	"	1670		69.3	30-123				
2,6-Dinitrotoluene	968	41.7	"	1670		58.1	30-125				
Di-n-octyl phthalate	1030	41.7	"	1670		61.9	10-132				
1,2-Diphenylhydrazine (as Azobenzene)	902	41.7	"	1670		54.1	10-140				
Bis(2-ethylhexyl)phthalate	859	41.7	"	1670		51.5	10-141				
Fluoranthene	976	41.7	"	1670		58.6	36-125				
Fluorene	875	41.7	"	1670		52.5	16-130				
Hexachlorobenzene	799	41.7	"	1670		47.9	10-129				
Hexachlorobutadiene	599	41.7	"	1670		35.9	22-153				
Hexachlorocyclopentadiene	574	41.7	"	1670		34.4	10-134				
Hexachloroethane	735	41.7	"	1670		44.1	20-112				
Indeno(1,2,3-cd)pyrene	1190	41.7	"	1670		71.7	10-155				
Isophorone	752	41.7	"	1670		45.1	14-131				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

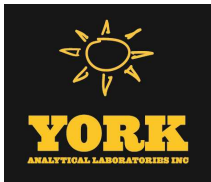
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL40003 - EPA 3550C											
LCS (BL40003-BS1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
2-Methylnaphthalene	800	41.7	ug/kg wet	1670		48.0	16-127				
2-Methylphenol	720	41.7	"	1670		43.2	10-146				
3- & 4-Methylphenols	791	41.7	"	1670		47.5	20-109				
Naphthalene	690	41.7	"	1670		41.4	20-121				
4-Nitroaniline	1170	83.3	"	1670		70.2	14-125				
2-Nitroaniline	1010	83.3	"	1670		60.4	24-126				
3-Nitroaniline	1190	83.3	"	1670		71.2	23-123				
Nitrobenzene	659	41.7	"	1670		39.5	20-121				
2-Nitrophenol	728	41.7	"	1670		43.7	17-129				
4-Nitrophenol	942	83.3	"	1670		56.5	10-136				
N-nitroso-di-n-propylamine	828	41.7	"	1670		49.7	21-119				
N-Nitrosodimethylamine	917	41.7	"	1670		55.0	10-124				
N-Nitrosodiphenylamine	1270	41.7	"	1670		76.1	10-163				
Pentachlorophenol	1030	41.7	"	1670		61.5	10-143				
Phenanthrene	938	41.7	"	1670		56.3	24-123				
Phenol	740	41.7	"	1670		44.4	15-123				
Pyrene	906	41.7	"	1670		54.3	24-132				
1,2,4-Trichlorobenzene	725	41.7	"	1670		43.5	23-130				
2,4,6-Trichlorophenol	912	41.7	"	1670		54.7	27-122				
2,4,5-Trichlorophenol	990	41.7	"	1670		59.4	14-138				
<i>Surrogate: 2-Fluorophenol</i>	<i>2230</i>		<i>"</i>	<i>2500</i>		<i>89.0</i>	<i>10-99</i>				
<i>Surrogate: Phenol-d5</i>	<i>2190</i>		<i>"</i>	<i>2510</i>		<i>87.4</i>	<i>10-108</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1270</i>		<i>"</i>	<i>1670</i>		<i>76.1</i>	<i>10-119</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1380</i>		<i>"</i>	<i>1670</i>		<i>82.7</i>	<i>10-114</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>2710</i>		<i>"</i>	<i>2510</i>		<i>108</i>	<i>30-130</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>1630</i>		<i>"</i>	<i>1670</i>		<i>97.8</i>	<i>10-123</i>				
LCS Dup (BL40003-BSD1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
Acenaphthene	1140	41.7	ug/kg wet	1670		68.4	17-124		36.0	30	Non-dir.
Acenaphthylene	1170	41.7	"	1670		69.9	16-124		39.6	30	Non-dir.
Acetophenone	ND	41.7	"	1670			28-105	Low Bias		30	
Anthracene	1260	41.7	"	1670		75.9	24-124		34.3	30	Non-dir.
Atrazine	1130	41.7	"	1670		68.1	22-120		21.5	30	
Benzaldehyde	1360	41.7	"	1670		81.5	21-100		40.3	30	Non-dir.
Benzo(a)anthracene	1350	41.7	"	1670		81.2	25-134		27.9	30	
Benzo(a)pyrene	1520	41.7	"	1670		91.4	29-144		40.4	30	Non-dir.
Benzo(b)fluoranthene	1480	41.7	"	1670		88.5	20-151		48.7	30	Non-dir.
Benzo(g,h,i)perylene	1870	41.7	"	1670		112	10-153		37.4	30	Non-dir.
Benzoic acid	1240	41.7	"	1670		74.4	10-116		23.9	30	
Benzo(k)fluoranthene	1280	41.7	"	1670		77.1	10-148		24.5	30	
Benzyl butyl phthalate	1370	41.7	"	1670		82.2	10-132		45.6	30	Non-dir.
1,1'-Biphenyl	ND	41.7	"	1670			22-103	Low Bias		30	
4-Bromophenyl phenyl ether	1330	41.7	"	1670		79.5	30-138		31.5	30	Non-dir.
Caprolactam	1240	83.3	"	1670		74.3	10-123		25.1	30	
Carbazole	1540	41.7	"	1670		92.2	31-120		44.4	30	Non-dir.
4-Chloroaniline	1100	41.7	"	1670		66.0	10-117		36.1	30	Non-dir.
Bis(2-chloroethoxy)methane	1300	41.7	"	1670		77.9	10-129		53.8	30	Non-dir.
Bis(2-chloroethyl)ether	1160	41.7	"	1670		69.4	14-125		35.7	30	Non-dir.
Bis(2-chloroisopropyl)ether	1340	41.7	"	1670		80.1	14-122		36.0	30	Non-dir.
2-Chloronaphthalene	1210	41.7	"	1670		72.7	22-115		36.6	30	Non-dir.
2-Chlorophenol	1320	41.7	"	1670		79.0	25-121		43.2	30	Non-dir.



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 BL40003 - EPA 3550C											
LCS Dup (BL40003-BSD1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
4-Chlorophenyl phenyl ether	1180	41.7	ug/kg wet	1670		70.7	18-132		32.0	30	Non-dir.
Chrysene	1260	41.7	"	1670		75.3	24-116		40.7	30	Non-dir.
Dibenzo(a,h)anthracene	1870	41.7	"	1670		112	17-147		37.8	30	Non-dir.
Dibenzofuran	1310	41.7	"	1670		78.9	23-123		38.7	30	Non-dir.
Di-n-butyl phthalate	ND	41.7	"	1670			19-123	Low Bias		30	
1,2-Dichlorobenzene	1210	41.7	"	1670		72.3	26-113		44.3	30	Non-dir.
1,3-Dichlorobenzene	1270	41.7	"	1670		76.4	32-113		39.7	30	Non-dir.
1,4-Dichlorobenzene	1180	41.7	"	1670		70.6	28-111		44.8	30	Non-dir.
3,3'-Dichlorobenzidine	1450	41.7	"	1670		86.9	10-147		24.6	30	
2,4-Dichlorophenol	1190	41.7	"	1670		71.7	23-133		41.6	30	Non-dir.
Diethyl phthalate	1270	41.7	"	1670		76.4	23-122		33.6	30	Non-dir.
2,4-Dimethylphenol	1310	41.7	"	1670		78.3	15-131		48.6	30	Non-dir.
Dimethyl phthalate	1510	41.7	"	1670		90.6	28-127		46.5	30	Non-dir.
4,6-Dinitro-2-methylphenol	1490	83.3	"	1670		89.5	10-149		31.1	30	Non-dir.
2,4-Dinitrophenol	1940	83.3	"	1670		116	10-149		45.6	30	Non-dir.
2,4-Dinitrotoluene	1700	41.7	"	1670		102	30-123		38.2	30	Non-dir.
2,6-Dinitrotoluene	1530	41.7	"	1670		91.9	30-125		45.0	30	Non-dir.
Di-n-octyl phthalate	1310	41.7	"	1670		78.8	10-132		24.0	30	
1,2-Diphenylhydrazine (as Azobenzene)	1110	41.7	"	1670		66.3	10-140		20.3	30	
Bis(2-ethylhexyl)phthalate	1100	41.7	"	1670		65.7	10-141		24.2	30	
Fluoranthene	1310	41.7	"	1670		78.6	36-125		29.2	30	
Fluorene	1230	41.7	"	1670		73.6	16-130		33.4	30	Non-dir.
Hexachlorobenzene	1040	41.7	"	1670		62.5	10-129		26.4	30	
Hexachlorobutadiene	1030	41.7	"	1670		61.8	22-153		53.0	30	Non-dir.
Hexachlorocyclopentadiene	1230	41.7	"	1670		73.9	10-134		72.9	30	Non-dir.
Hexachloroethane	1110	41.7	"	1670		66.6	20-112		40.7	30	Non-dir.
Indeno(1,2,3-cd)pyrene	1760	41.7	"	1670		106	10-155		38.2	30	Non-dir.
Isophorone	1260	41.7	"	1670		75.4	14-131		50.3	30	Non-dir.
2-Methylnaphthalene	1210	41.7	"	1670		72.5	16-127		40.6	30	Non-dir.
2-Methylphenol	1060	41.7	"	1670		63.4	10-146		37.9	30	Non-dir.
3- & 4-Methylphenols	1080	41.7	"	1670		65.0	20-109		31.2	30	Non-dir.
Naphthalene	1140	41.7	"	1670		68.4	20-121		49.1	30	Non-dir.
4-Nitroaniline	1560	83.3	"	1670		93.5	14-125		28.5	30	
2-Nitroaniline	1500	83.3	"	1670		90.2	24-126		39.5	30	Non-dir.
3-Nitroaniline	1700	83.3	"	1670		102	23-123		35.7	30	Non-dir.
Nitrobenzene	1170	41.7	"	1670		70.4	20-121		56.1	30	Non-dir.
2-Nitrophenol	1280	41.7	"	1670		76.6	17-129		54.7	30	Non-dir.
4-Nitrophenol	1490	83.3	"	1670		89.5	10-136		45.2	30	Non-dir.
N-nitroso-di-n-propylamine	1240	41.7	"	1670		74.5	21-119		39.9	30	Non-dir.
N-Nitrosodimethylamine	1430	41.7	"	1670		85.7	10-124		43.6	30	Non-dir.
N-Nitrosodiphenylamine	ND	41.7	"	1670			10-163	Low Bias		30	
Pentachlorophenol	1880	41.7	"	1670		113	10-143		58.9	30	Non-dir.
Phenanthrene	1180	41.7	"	1670		70.9	24-123		23.1	30	
Phenol	1140	41.7	"	1670		68.2	15-123		42.3	30	Non-dir.
Pyrene	1260	41.7	"	1670		75.8	24-132		33.0	30	Non-dir.
1,2,4-Trichlorobenzene	1120	41.7	"	1670		67.1	23-130		42.7	30	Non-dir.
2,4,6-Trichlorophenol	1430	41.7	"	1670		85.5	27-122		44.0	30	Non-dir.
2,4,5-Trichlorophenol	1360	41.7	"	1670		81.5	14-138		31.3	30	Non-dir.
Surrogate: 2-Fluorophenol	2360		"	2500		94.5	10-99				
Surrogate: Phenol-d5	2300		"	2510		91.9	10-108				
Surrogate: Nitrobenzene-d5	1570		"	1670		94.1	10-119				



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 BL40003 - EPA 3550C

LCS Dup (BL40003-BSD1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Surrogate: 2-Fluorobiphenyl	1320		ug/kg wet	1670		79.2	10-114				
Surrogate: 2,4,6-Tribromophenol	2600		"	2510		104	30-130				
Surrogate: Terphenyl-d14	1690		"	1670		101	10-123				



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 BK41206 - EPA 3550C

Blank (BK41206-BLK1)

Prepared: 11/25/2014 Analyzed: 12/01/2014

Aldrin	ND	0.330	ug/kg wet								
alpha-BHC	ND	0.330	"								
beta-BHC	ND	0.330	"								
delta-BHC	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
gamma-Chlordane	ND	0.330	"								
alpha-Chlordane	ND	0.330	"								
Chlordane, total	ND	1.32	"								
4,4'-DDD	ND	0.330	"								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	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	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
Toxaphene	ND	16.7	"								
<i>Surrogate: Decachlorobiphenyl</i>	<i>48.4</i>		<i>"</i>	<i>66.7</i>		<i>72.6</i>	<i>30-140</i>				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>54.0</i>		<i>"</i>	<i>66.7</i>		<i>81.0</i>	<i>30-140</i>				

LCS (BK41206-BS1)

Prepared: 11/25/2014 Analyzed: 12/01/2014

Aldrin	28.1	0.330	ug/kg wet	33.3		84.3	40-140				
alpha-BHC	26.5	0.330	"	33.3		79.4	40-140				
beta-BHC	27.3	0.330	"	33.3		81.8	40-140				
delta-BHC	28.8	0.330	"	33.3		86.5	40-140				
gamma-BHC (Lindane)	27.9	0.330	"	33.3		83.8	40-140				
gamma-Chlordane	26.5	0.330	"	33.3		79.4	40-140				
alpha-Chlordane	27.0	0.330	"	33.3		80.9	40-140				
4,4'-DDD	36.4	0.330	"	33.3		109	40-140				
4,4'-DDE	31.8	0.330	"	33.3		95.4	40-140				
4,4'-DDT	33.3	0.330	"	33.3		99.9	40-140				
Dieldrin	27.3	0.330	"	33.3		81.8	40-140				
Endosulfan I	26.2	0.330	"	33.3		78.7	40-140				
Endosulfan II	28.6	0.330	"	33.3		85.7	40-140				
Endosulfan sulfate	29.1	0.330	"	33.3		87.2	40-140				
Endrin	27.7	0.330	"	33.3		83.1	40-140				
Endrin aldehyde	22.8	0.330	"	33.3		68.4	40-140				
Endrin ketone	30.4	0.330	"	33.3		91.2	40-140				
Heptachlor	25.5	0.330	"	33.3		76.6	40-140				
Heptachlor epoxide	26.4	0.330	"	33.3		79.2	40-140				
Methoxychlor	33.4	1.65	"	33.3		100	40-140				
<i>Surrogate: Decachlorobiphenyl</i>	<i>49.4</i>		<i>"</i>	<i>66.7</i>		<i>74.1</i>	<i>30-140</i>				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>54.0</i>		<i>"</i>	<i>66.7</i>		<i>80.9</i>	<i>30-140</i>				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK41206 - EPA 3550C

LCS Dup (BK41206-BSD1)

Prepared: 11/25/2014 Analyzed: 12/01/2014

Aldrin	27.2	0.330	ug/kg wet	33.3		81.7	40-140		3.05	30	
alpha-BHC	26.1	0.330	"	33.3		78.3	40-140		1.38	30	
beta-BHC	27.0	0.330	"	33.3		80.9	40-140		1.11	30	
delta-BHC	28.0	0.330	"	33.3		84.0	40-140		2.90	30	
gamma-BHC (Lindane)	27.3	0.330	"	33.3		81.9	40-140		2.19	30	
gamma-Chlordane	25.5	0.330	"	33.3		76.5	40-140		3.72	30	
alpha-Chlordane	26.1	0.330	"	33.3		78.2	40-140		3.46	30	
4,4'-DDD	34.5	0.330	"	33.3		104	40-140		5.37	30	
4,4'-DDE	30.4	0.330	"	33.3		91.1	40-140		4.61	30	
4,4'-DDT	31.5	0.330	"	33.3		94.6	40-140		5.43	30	
Dieldrin	26.1	0.330	"	33.3		78.2	40-140		4.42	30	
Endosulfan I	25.2	0.330	"	33.3		75.7	40-140		3.90	30	
Endosulfan II	27.2	0.330	"	33.3		81.5	40-140		5.02	30	
Endosulfan sulfate	27.3	0.330	"	33.3		82.0	40-140		6.18	30	
Endrin	26.6	0.330	"	33.3		79.8	40-140		4.07	30	
Endrin aldehyde	21.6	0.330	"	33.3		64.7	40-140		5.56	30	
Endrin ketone	29.2	0.330	"	33.3		87.7	40-140		3.90	30	
Heptachlor	25.0	0.330	"	33.3		74.9	40-140		2.22	30	
Heptachlor epoxide	25.3	0.330	"	33.3		75.9	40-140		4.29	30	
Methoxychlor	31.9	1.65	"	33.3		95.6	40-140		4.55	30	
Surrogate: Decachlorobiphenyl	48.0		"	66.7		72.1	30-140				
Surrogate: Tetrachloro-m-xylene	51.5		"	66.7		77.2	30-140				

Batch BK41251 - EPA 3545A

Blank (BK41251-BLK1)

Prepared & Analyzed: 11/26/2014

Aldrin	ND	0.495	ug/kg wet								
alpha-BHC	ND	0.495	"								
beta-BHC	ND	0.495	"								
delta-BHC	ND	0.495	"								
gamma-BHC (Lindane)	ND	0.495	"								
gamma-Chlordane	ND	0.495	"								
alpha-Chlordane	ND	0.495	"								
Chlordane, total	ND	1.98	"								
4,4'-DDD	ND	0.495	"								
4,4'-DDE	ND	0.495	"								
4,4'-DDT	ND	0.495	"								
Dieldrin	ND	0.495	"								
Endosulfan I	ND	0.495	"								
Endosulfan II	ND	0.495	"								
Endosulfan sulfate	ND	0.495	"								
Endrin	ND	0.495	"								
Endrin aldehyde	ND	0.495	"								
Endrin ketone	ND	0.495	"								
Heptachlor	ND	0.495	"								
Heptachlor epoxide	ND	0.495	"								
Methoxychlor	ND	2.48	"								
Toxaphene	ND	25.0	"								
Surrogate: Decachlorobiphenyl	120		"	100		120	30-140				
Surrogate: Tetrachloro-m-xylene	109		"	100		109	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 BK41251 - EPA 3545A

LCS (BK41251-BS1)

Prepared & Analyzed: 11/26/2014

Aldrin	49.2	0.495	ug/kg wet	50.0		98.5	40-140				
alpha-BHC	49.6	0.495	"	50.0		99.1	40-140				
beta-BHC	44.3	0.495	"	50.0		88.6	40-140				
delta-BHC	47.5	0.495	"	50.0		95.0	40-140				
gamma-BHC (Lindane)	46.3	0.495	"	50.0		92.6	40-140				
gamma-Chlordane	46.6	0.495	"	50.0		93.2	40-140				
alpha-Chlordane	47.0	0.495	"	50.0		94.1	40-140				
4,4'-DDD	47.8	0.495	"	50.0		95.6	40-140				
4,4'-DDE	52.0	0.495	"	50.0		104	40-140				
4,4'-DDT	45.3	0.495	"	50.0		90.6	40-140				
Dieldrin	47.3	0.495	"	50.0		94.7	40-140				
Endosulfan I	51.8	0.495	"	50.0		104	40-140				
Endosulfan II	46.9	0.495	"	50.0		93.8	40-140				
Endosulfan sulfate	46.2	0.495	"	50.0		92.5	40-140				
Endrin	45.7	0.495	"	50.0		91.4	40-140				
Endrin aldehyde	39.2	0.495	"	50.0		78.5	40-140				
Endrin ketone	43.7	0.495	"	50.0		87.4	40-140				
Heptachlor	43.5	0.495	"	50.0		87.0	40-140				
Heptachlor epoxide	43.9	0.495	"	50.0		87.7	40-140				
Methoxychlor	40.3	2.48	"	50.0		80.5	40-140				
Surrogate: Decachlorobiphenyl	103		"	100		103	30-140				
Surrogate: Tetrachloro-m-xylene	110		"	100		110	30-140				

LCS Dup (BK41251-BS1)

Prepared & Analyzed: 11/26/2014

Aldrin	48.1	0.495	ug/kg wet	50.0		96.3	40-140		2.26	30	
alpha-BHC	47.9	0.495	"	50.0		95.9	40-140		3.34	30	
beta-BHC	43.5	0.495	"	50.0		87.0	40-140		1.81	30	
delta-BHC	46.4	0.495	"	50.0		92.8	40-140		2.27	30	
gamma-BHC (Lindane)	45.0	0.495	"	50.0		90.1	40-140		2.69	30	
gamma-Chlordane	45.7	0.495	"	50.0		91.4	40-140		2.00	30	
alpha-Chlordane	46.0	0.495	"	50.0		91.9	40-140		2.27	30	
4,4'-DDD	47.6	0.495	"	50.0		95.3	40-140		0.410	30	
4,4'-DDE	51.6	0.495	"	50.0		103	40-140		0.889	30	
4,4'-DDT	45.5	0.495	"	50.0		91.0	40-140		0.487	30	
Dieldrin	46.5	0.495	"	50.0		92.9	40-140		1.84	30	
Endosulfan I	50.2	0.495	"	50.0		100	40-140		3.19	30	
Endosulfan II	46.3	0.495	"	50.0		92.7	40-140		1.20	30	
Endosulfan sulfate	45.8	0.495	"	50.0		91.5	40-140		1.05	30	
Endrin	45.2	0.495	"	50.0		90.4	40-140		1.07	30	
Endrin aldehyde	38.7	0.495	"	50.0		77.5	40-140		1.31	30	
Endrin ketone	43.9	0.495	"	50.0		87.8	40-140		0.421	30	
Heptachlor	42.7	0.495	"	50.0		85.4	40-140		1.92	30	
Heptachlor epoxide	42.6	0.495	"	50.0		85.2	40-140		2.90	30	
Methoxychlor	40.8	2.48	"	50.0		81.5	40-140		1.26	30	
Surrogate: Decachlorobiphenyl	103		"	100		103	30-140				
Surrogate: Tetrachloro-m-xylene	105		"	100		105	30-140				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK41206 - EPA 3550C

Blank (BK41206-BLK1)

Prepared: 11/25/2014 Analyzed: 12/01/2014

Aroclor 1016	ND	0.0167	mg/kg wet
Aroclor 1221	ND	0.0167	"
Aroclor 1232	ND	0.0167	"
Aroclor 1242	ND	0.0167	"
Aroclor 1248	ND	0.0167	"
Aroclor 1254	ND	0.0167	"
Aroclor 1260	ND	0.0167	"
Total PCBs	ND	0.0167	"

Surrogate: Tetrachloro-m-xylene

0.0560

"

0.0667

84.0

30-140

Surrogate: Decachlorobiphenyl

0.0487

"

0.0667

73.0

30-140

LCS (BK41206-BS2)

Prepared: 11/25/2014 Analyzed: 12/01/2014

Aroclor 1016	0.335	0.0167	mg/kg wet	0.333	101	40-130
Aroclor 1260	0.324	0.0167	"	0.333	97.3	40-130

Surrogate: Tetrachloro-m-xylene

0.0580

"

0.0667

87.0

30-140

Surrogate: Decachlorobiphenyl

0.0527

"

0.0667

79.0

30-140

Batch BK41251 - EPA 3545A

Blank (BK41251-BLK1)

Prepared & Analyzed: 11/26/2014

Aroclor 1016	ND	0.0250	mg/kg wet
Aroclor 1221	ND	0.0250	"
Aroclor 1232	ND	0.0250	"
Aroclor 1242	ND	0.0250	"
Aroclor 1248	ND	0.0250	"
Aroclor 1254	ND	0.0250	"
Aroclor 1260	ND	0.0250	"
Total PCBs	ND	0.0250	"

Surrogate: Tetrachloro-m-xylene

0.0985

"

0.100

98.5

30-140

Surrogate: Decachlorobiphenyl

0.0695

"

0.100

69.5

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 BK41251 - EPA 3545A

LCS (BK41251-BS2)

Prepared & Analyzed: 11/26/2014

Aroclor 1016	0.568	0.0250	mg/kg wet	0.500		114	40-130				
Aroclor 1260	0.558	0.0250	"	0.500		112	40-130				
Surrogate: Tetrachloro-m-xylene	0.104		"	0.100		104	30-140				
Surrogate: Decachlorobiphenyl	0.0785		"	0.100		78.5	30-140				



Gas Chromatography/Flame Ionization Detector - 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 BK41205 - EPA 3545A

Blank (BK41205-BLK1)

Prepared: 11/25/2014 Analyzed: 11/26/2014

Total EPH	ND	50.0	mg/kg wet								
Surrogate: 1-Chlorooctadecane	8.58		"	10.0		85.8	40-140				
Surrogate: o-Terphenyl	8.69		"	10.0		86.9	40-140				

LCS (BK41205-BS1)

Prepared: 11/25/2014 Analyzed: 11/26/2014

Total EPH	242	50.0	mg/kg wet	360		67.2	40-140				
Surrogate: 1-Chlorooctadecane	7.09		"	10.0		70.9	40-140				
Surrogate: o-Terphenyl	7.12		"	10.0		71.2	40-140				

LCS Dup (BK41205-BSD1)

Prepared: 11/25/2014 Analyzed: 11/26/2014

Total EPH	273	50.0	mg/kg wet	360		75.9	40-140		12.2	30	
Surrogate: 1-Chlorooctadecane	8.46		"	10.0		84.6	40-140				
Surrogate: o-Terphenyl	8.16		"	10.0		81.6	40-140				



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 BL40091 - EPA 3010A/1311

Blank (BL40091-BLK1)

Prepared & Analyzed: 12/02/2014

Arsenic	ND	0.004	mg/L
Barium	ND	0.010	"
Cadmium	ND	0.003	"
Chromium	ND	0.005	"
Lead	ND	0.003	"
Selenium	ND	0.010	"
Silver	ND	0.005	"

Blank (BL40091-BLK2)

Prepared & Analyzed: 12/02/2014

Arsenic	ND	0.004	mg/L
Barium	ND	0.010	"
Cadmium	ND	0.003	"
Chromium	ND	0.005	"
Lead	0.003	0.003	"
Selenium	ND	0.010	"
Silver	ND	0.005	"

Reference (BL40091-SRM1)

Prepared & Analyzed: 12/02/2014

Arsenic	0.399	0.004	mg/L	0.438	91.0	83.3-116
Barium	0.390	0.010	"	0.365	107	84.9-115
Cadmium	0.326	0.003	"	0.334	97.6	85-115
Chromium	0.762	0.005	"	0.797	95.7	84.9-115
Lead	1.46	0.003	"	1.47	99.3	85-115
Selenium	0.482	0.010	"	0.521	92.6	85-115
Silver	0.376	0.005	"	0.384	98.0	84.9-115

Batch BL40124 - EPA 3050B

Blank (BL40124-BLK1)

Prepared & Analyzed: 12/02/2014

Aluminum	ND	1.00	mg/kg wet
Antimony	ND	0.500	"
Arsenic	ND	1.00	"
Barium	ND	1.00	"
Beryllium	ND	0.100	"
Cadmium	ND	0.300	"
Calcium	ND	5.00	"
Chromium	ND	0.500	"
Cobalt	ND	0.500	"
Copper	ND	0.500	"
Iron	ND	2.00	"
Lead	ND	0.300	"
Magnesium	ND	5.00	"
Manganese	ND	0.500	"
Nickel	ND	0.500	"
Potassium	ND	5.00	"
Selenium	ND	1.00	"
Silver	ND	0.500	"
Sodium	ND	10.0	"
Thallium	ND	1.00	"
Vanadium	ND	1.00	"
Zinc	ND	1.00	"



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 BL40124 - EPA 3050B

Reference (BL40124-SRM1)

Prepared & Analyzed: 12/02/2014

Aluminum	7470	1.00	mg/kg wet	8740		85.5	41.6-158				
Antimony	110	0.500	"	108		102	23-255				
Arsenic	149	1.00	"	151		98.7	70.9-130				
Barium	273	1.00	"	262		104	73.7-126				
Beryllium	131	0.100	"	133		98.7	75.1-125				
Cadmium	147	0.300	"	152		96.6	73-126				
Calcium	6290	5.00	"	6400		98.3	73.9-126				
Chromium	113	0.500	"	117		97.0	69.7-130				
Cobalt	71.3	0.500	"	68.7		104	74.4-126				
Copper	72.6	0.500	"	68.6		106	73.2-129				
Iron	12100	2.00	"	12300		98.4	30.5-170				
Lead	242	0.300	"	254		95.2	75.6-125				
Magnesium	3420	5.00	"	3600		95.0	68.3-132				
Manganese	560	0.500	"	563		99.5	77.4-123				
Nickel	321	0.500	"	315		102	74.3-127				
Potassium	2870	5.00	"	3040		94.3	62.5-137				
Selenium	161	1.00	"	162		99.5	67.3-132				
Silver	43.1	0.500	"	44.3		97.3	66.4-124				
Sodium	785	10.0	"	746		105	56.8-143				
Thallium	258	1.00	"	259		99.5	69.5-131				
Vanadium	114	1.00	"	116		98.2	67.5-132				
Zinc	295	1.00	"	306		96.3	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 BK41210 - EPA 7473 soil

Blank (BK41210-BLK1)

Prepared & Analyzed: 11/26/2014

Mercury ND 0.0300 mg/kg wet

Reference (BK41210-SRM1)

Prepared & Analyzed: 11/26/2014

Mercury 3.7632 mg/kg 3.73 101 68.6-131

Batch BK41244 - EPA 7473 water

Blank (BK41244-BLK1)

Prepared & Analyzed: 11/26/2014

Mercury ND 0.000200 mg/L

Reference (BK41244-SRM1)

Prepared & Analyzed: 11/26/2014

Mercury 0.00280 mg/L 0.00230 122 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 BK41123 - % Solids Prep

Duplicate (BK41123-DUP1)		*Source sample: 14K0841-12 (C2 Grab (15-18))						Prepared & Analyzed: 11/24/2014			
% Solids	80.6	0.100	%		79.6				1.28	20	



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD Limit	Flag
Batch BK41136 - EPA SW 846-1311 TCLP ext. for metals									
Blank (BK41136-BLK1)					Prepared: 11/24/2014 Analyzed: 11/25/2014				
TCLP Extraction	Completed	1.00	N/A						
Batch BK41138 - EPA SW 846-1311 TCLP ext. for metals									
Blank (BK41138-BLK1)					Prepared: 11/24/2014 Analyzed: 11/25/2014				
TCLP Extraction	Completed	1.00	N/A						
Batch BL40044 - Analysis Preparation									
Duplicate (BL40044-DUP1)					*Source sample: 14K0841-05 (C2 Comp (6-9))				
pH	7.64	0.500	pH units		7.68			0.522	10
Batch BL40087 - EPA SW846-3060									
Blank (BL40087-BLK1)					Prepared & Analyzed: 12/02/2014				
Chromium, Hexavalent	ND	0.500	mg/kg wet						
Duplicate (BL40087-DUP1)					*Source sample: 14K0841-05 (C2 Comp (6-9))				
Chromium, Hexavalent	ND	0.561	mg/kg dry		ND				35
Matrix Spike (BL40087-MS1)					*Source sample: 14K0841-05 (C2 Comp (6-9))				
Chromium, Hexavalent	ND	0.561	mg/kg dry	22.4	ND	75-125	Low Bias		
Reference (BL40087-SRM1)					Prepared & Analyzed: 12/02/2014				
Chromium, Hexavalent	88.4		mg/L	125		70.7	20.2-180		



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 BL40282 - Analysis Preparation

Blank (BL40282-BLK1)

Prepared & Analyzed: 12/04/2014

Reactivity - Cyanide	ND	0.250	mg/kg

Batch BL40283 - Analysis Preparation

Blank (BL40283-BLK1)

Prepared & Analyzed: 12/04/2014

Reactivity - Sulfide	ND	15.0	mg/kg

LCS (BL40283-BS1)

Prepared & Analyzed: 12/04/2014

Reactivity - Sulfide	216	15.0	mg/kg	250	86.4	30-150

Duplicate (BL40283-DUP1)

*Source sample: 14K0841-01 (C2 Comp (0-3))

Prepared & Analyzed: 12/04/2014

Reactivity - Sulfide	16.0	15.0	mg/kg	16.0	0.00	50



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14K0841-02	C2 Grab (0-3)	2 oz. WM Clear Glass Cool to 4° C
14K0841-04	C2 Grab (3-6)	2 oz. WM Clear Glass Cool to 4° C
14K0841-06	C2 Grab (6-9)	2 oz. WM Clear Glass Cool to 4° C
14K0841-08	C2 Grab (9-12)	2 oz. WM Clear Glass Cool to 4° C
14K0841-10	C2 Grab (12-15)	2 oz. WM Clear Glass Cool to 4° C
14K0841-12	C2 Grab (15-18)	2 oz. WM Clear Glass Cool to 4° C



Notes and Definitions

JN	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20% AND correlation coefficient <0.990 for quadratic fit).
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).
EXT-COMP	Completed
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
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.
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.
S-08	The recovery of this surrogate was outside of QC limits.
M-BCCB	Analyte in CCB > MDL. Sample conc. >10 X blank conc.
M-DB	Analyte in Method Blank >MDL. Sample conc. >10 X blank conc.
PF-01	No Free Liquid
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.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
IGN-01	Non-Ignit.

*	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.

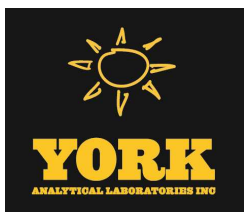
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For 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.



Technical Report

prepared for:

Environmental Business Consultants

1808 Middle Country Rd.

Ridge NY, 11961

Attention: Charles Sosik

Report Date: 12/04/2014

Client Project ID: Grid Section C1 25 Kent Avenue, Brooklyn, NY

York Project (SDG) No.: 14K0840

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 12/04/2014
Client Project ID: Grid Section C1 25 Kent Avenue, Brooklyn, NY
York Project (SDG) No.: 14K0840

Environmental Business Consultants
1808 Middle Country Rd.
Ridge NY, 11961
Attention: Charles Sosik

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 21, 2014 and listed below. The project was identified as your project: **Grid Section C1 25 Kent Avenue, Brooklyn, NY.**

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0840-01	C1 Comp (0-3)	Soil	11/21/2014	11/21/2014
14K0840-02	C1 Grab (0-3)	Soil	11/21/2014	11/21/2014
14K0840-03	C1 Comp (3-6)	Soil	11/21/2014	11/21/2014
14K0840-04	C1 Grab (3-6)	Soil	11/21/2014	11/21/2014
14K0840-05	C1 Comp (6-9)	Soil	11/21/2014	11/21/2014
14K0840-06	C1 Grab (6-9)	Soil	11/21/2014	11/21/2014
14K0840-07	C1 Comp (9-12)	Soil	11/21/2014	11/21/2014
14K0840-08	C1 Grab (9-12)	Soil	11/21/2014	11/21/2014
14K0840-09	C1 Comp (12-15)	Soil	11/21/2014	11/21/2014
14K0840-10	C1 Grab (12-15)	Soil	11/21/2014	11/21/2014
14K0840-11	C1 Comp (15-18)	Soil	11/21/2014	11/21/2014
14K0840-12	C1 Grab (15-18)	Soil	11/21/2014	11/21/2014

General Notes for York Project (SDG) No.: 14K0840

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/04/2014





Sample Information

Client Sample ID: C1 Comp (0-3)

York Sample ID: 14K0840-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:00 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
98-86-2	Acetophenone	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
120-12-7	Anthracene	1120	J	ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
1912-24-9	Atrazine	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
92-87-5	Benzidine	ND		ug/kg dry	2380	4770	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
56-55-3	Benzo(a)anthracene	2810	CCV-E	ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
50-32-8	Benzo(a)pyrene	2630		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
205-99-2	Benzo(b)fluoranthene	2370		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
191-24-2	Benzo(g,h,i)perylene	1290		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
65-85-0	Benzoic acid	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
207-08-9	Benzo(k)fluoranthene	2430		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
105-60-2	Caprolactam	ND		ug/kg dry	1190	2380	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
86-74-8	Carbazole	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
218-01-9	Chrysene	3080	CCV-E	ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
84-74-2	Di-n-butyl phthalate	1280	CCV-E	ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH



Sample Information

Client Sample ID: C1 Comp (0-3)

York Sample ID: 14K0840-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:00 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1190	2380	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1190	2380	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
206-44-0	Fluoranthene	6850		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
86-73-7	Fluorene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
193-39-5	Indeno(1,2,3-cd)pyrene	1240		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
78-59-1	Isophorone	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
91-20-3	Naphthalene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	1190	2380	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	1190	2380	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	1190	2380	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	1190	2380	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
85-01-8	Phenanthrene	4660	CCV-E	ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
108-95-2	Phenol	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
129-00-0	Pyrene	5520		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH



Sample Information

Client Sample ID: C1 Comp (0-3)

York Sample ID: 14K0840-01

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 9:00 am

Date Received

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	597	1190	25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	110 %	S-06	10-99							
4165-62-2	Surrogate: Phenol-d5	122 %	S-06	10-108							
4165-60-0	Surrogate: Nitrobenzene-d5	126 %	S-06	10-119							
321-60-8	Surrogate: 2-Fluorobiphenyl	126 %	S-06	10-114							
118-79-6	Surrogate: 2,4,6-Tribromophenol	127 %	S-06	10-106							
1718-51-0	Surrogate: Terphenyl-d14	130 %	S-06	10-123							

Semi-Volatiles, Tentatively Identified Cmpds.

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
NA	Unkown Heptadecane	5710	JN	ug/kg dry			25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
	Unkown Hexadecane	6660	JN	ug/kg dry			25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
	Unkown Hydrocarbon	4760	JN	ug/kg dry			25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
NA	Unkown Hydrocarbon #2	4760	JN	ug/kg dry			25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
	Unkown Hydrocarbon #3	4760	JN	ug/kg dry			25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
	Unkown Octadecane	4760	JN	ug/kg dry			25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
NA	Unkown Pentadecane	5710	JN	ug/kg dry			25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
	Unkown Pentadecane #2	5710	JN	ug/kg dry			25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
	Unkown Tetradecane	5710	JN	ug/kg dry			25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH
NA	Unkown Tridecane	4760	JN	ug/kg dry			25	EPA 8270D	11/26/2014 14:38	12/01/2014 11:46	KH

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.54	7.54	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW



Sample Information

Client Sample ID: C1 Comp (0-3)

York Sample ID: 14K0840-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:00 am

11/21/2014

Pesticides, NJDEP/TCL/Part 375 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
60-57-1	Dieldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
72-20-8	Endrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.43	9.43	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
8001-35-2	Toxaphene	ND		ug/kg dry	95.4	95.4	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:02	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	45.3 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	33.5 %		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	0.0190	0.0190	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:38	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:38	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:38	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:38	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:38	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:38	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:38	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:38	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	45.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	44.0 %		30-140							



Sample Information

Client Sample ID: C1 Comp (0-3)

York Sample ID: 14K0840-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:00 am

11/21/2014

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		614		mg/kg dry	57.1	57.1	1	NJDEP EPH Rev 3.0	12/01/2014 14:29	12/02/2014 11:52	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	53.7 %		40-140							
84-15-1	Surrogate: o-Terphenyl	56.2 %		40-140							

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	4640		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7440-36-0	Antimony	1.31		mg/kg dry	0.571	0.571	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7440-38-2	Arsenic	49.4		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7440-39-3	Barium	1260		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7440-43-9	Cadmium	0.700		mg/kg dry	0.343	0.343	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7440-70-2	Calcium	9000		mg/kg dry	0.571	5.71	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7440-47-3	Chromium	25.6		mg/kg dry	0.571	0.571	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7440-48-4	Cobalt	7.96		mg/kg dry	0.571	0.571	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7440-50-8	Copper	102		mg/kg dry	0.571	0.571	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7439-89-6	Iron	26400		mg/kg dry	2.28	2.28	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7439-92-1	Lead	641		mg/kg dry	0.343	0.343	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7439-95-4	Magnesium	2140		mg/kg dry	5.71	5.71	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7439-96-5	Manganese	381		mg/kg dry	0.571	0.571	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7440-02-0	Nickel	16.2		mg/kg dry	0.571	0.571	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7440-09-7	Potassium	869		mg/kg dry	5.71	5.71	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7782-49-2	Selenium	5.08		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7440-22-4	Silver	ND		mg/kg dry	0.571	0.571	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7440-23-5	Sodium	245		mg/kg dry	11.4	11.4	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7440-62-2	Vanadium	24.2		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW
7440-66-6	Zinc	963		mg/kg dry	1.14	1.14	1	EPA 6010C	12/02/2014 14:30	12/02/2014 18:59	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	0.013		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:23	MW
7440-39-3	Barium	2.42		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:23	MW
7440-43-9	Cadmium	0.010		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:23	MW



Sample Information

Client Sample ID: C1 Comp (0-3)

York Sample ID: 14K0840-01

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 9:00 am

Date Received

11/21/2014

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:23	MW
7439-92-1	Lead	1.39		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:23	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:23	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:23	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.05		mg/kg dry	0.0343	0.0343	1	EPA 7473	11/25/2014 06:59	11/25/2014 13:29	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 13:01	11/26/2014 06:10	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:09	11/26/2014 17:20	AA

Paint Filter Test

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
	* Paint Filter Test	No Free Liquid		-	0	0	1	EPA 9095A	12/01/2014 12:48	12/01/2014 13:07	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.5		%	0.100	0.100	1	SM 2540G	12/01/2014 11:40	12/01/2014 17:21	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	0.400	0.571	1	EPA 7196A	12/02/2014 07:40	12/02/2014 14:51	SC



Sample Information

Client Sample ID: C1 Comp (0-3)

York Sample ID: 14K0840-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:00 am

11/21/2014

Corrosivity

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
	pH	7.52	HT-pH	pH units		0.500	1	EPA 9045D	12/01/2014 14:24	12/02/2014 15:56	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/04/2014 14:20	12/04/2014 19:37	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	240		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/04/2014 14:23	12/04/2014 19:28	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: C1 Grab (0-3)

York Sample ID: 14K0840-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:05 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK



Sample Information

Client Sample ID: C1 Grab (0-3)

York Sample ID: 14K0840-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:05 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	34		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
108-67-8	1,3,5-Trimethylbenzene	18		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	230	460	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
110-82-7	Cyclohexane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
78-93-3	2-Butanone	160		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
591-78-6	2-Hexanone	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
67-64-1	Acetone	390	Cal-E, CCV-E, ICV-E	ug/kg dry	12	23	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
107-02-8	Acrolein	ND		ug/kg dry	12	23	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
71-43-2	Benzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
75-25-2	Bromoform	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
75-15-0	Carbon disulfide	5.8	CCV-E, J	ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
67-66-3	Chloroform	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
108-87-2	Methylcyclohexane	8.1	J	ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK



Sample Information

Client Sample ID: C1 Grab (0-3)

York Sample ID: 14K0840-02

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 9:05 am

Date Received

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
79-20-9	Methyl acetate	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
75-09-2	Methylene chloride	ND		ug/kg dry	12	23	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
95-47-6	o-Xylene	10	J	ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
179601-23-1	p- & m- Xylenes	26		ug/kg dry	12	23	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
100-42-5	Styrene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
108-88-3	Toluene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.8	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
1330-20-7	Xylenes, Total	36		ug/kg dry	17	35	1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	88.7 %	76-130								
2037-26-5	Surrogate: Toluene-d8	99.2 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
NA	alkylbenzene isomers	19	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
NA	alkylcyclohexane isomers	40	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
NA	alkylindene isomer	13	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
NA	alkylnaphthalene isomers	13	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
NA	Methylheptane isomer	26	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
NA	Methylnonane isomer	49	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK



Sample Information

Client Sample ID: C1 Grab (0-3)

York Sample ID: 14K0840-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:05 am

11/21/2014

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
91-20-3	Naphthalene	19	JN	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
NA	Octadecane isomer	14	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
NA	pentacyclohexane isomer	13	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK
NA	unknown	65	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 09:48	BK

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.9		%	0.100	0.100	1	SM 2540G	12/01/2014 11:40	12/01/2014 17:21	SCA

Sample Information

Client Sample ID: C1 Comp (3-6)

York Sample ID: 14K0840-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:30 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	71.8	J	ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
98-86-2	Acetophenone	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
120-12-7	Anthracene	87.1	J	ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
1912-24-9	Atrazine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
92-87-5	Benzidine	ND		ug/kg dry	191	383	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
56-55-3	Benzo(a)anthracene	130	CCV-E	ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
50-32-8	Benzo(a)pyrene	92.5	J	ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
205-99-2	Benzo(b)fluoranthene	81.0	J	ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
65-85-0	Benzoic acid	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
207-08-9	Benzo(k)fluoranthene	92.5	J	ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR



Sample Information

Client Sample ID: C1 Comp (3-6)

York Sample ID: 14K0840-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:30 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
105-60-2	Caprolactam	ND		ug/kg dry	95.6	191	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
86-74-8	Carbazole	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
218-01-9	Chrysene	125		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.6	191	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	95.6	191	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
206-44-0	Fluoranthene	352		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
86-73-7	Fluorene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR



Sample Information

Client Sample ID: C1 Comp (3-6)

York Sample ID: 14K0840-03

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 9:30 am

Date Received

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
78-59-1	Isophorone	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
91-57-6	2-Methylnaphthalene	81.8	J	ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
91-20-3	Naphthalene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.6	191	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.6	191	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.6	191	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.6	191	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
85-01-8	Phenanthrene	413		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
108-95-2	Phenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
129-00-0	Pyrene	302		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.9	95.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	79.3 %	10-99
4165-62-2	Surrogate: Phenol-d5	82.7 %	10-108
4165-60-0	Surrogate: Nitrobenzene-d5	79.4 %	10-119
321-60-8	Surrogate: 2-Fluorobiphenyl	77.3 %	10-114
118-79-6	Surrogate: 2,4,6-Tribromophenol	63.9 %	10-106
1718-51-0	Surrogate: Terphenyl-d14	83.8 %	10-123

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Unkown Alkane #1	2750	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
	Unkown Alkane #2	1760	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
	Unkown Alkane #3	2450	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
	Unkown Alkane #4	1680	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR



Sample Information

Client Sample ID: C1 Comp (3-6)

York Sample ID: 14K0840-03

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 9:30 am

Date Received

11/21/2014

Semi-Volatiles, Tentatively Identified Cmpds.

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
	Unknown Alkene	2060	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
	Unknown Cyclohexane #1	1830	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
	Unknown Cyclohexane #2	1910	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
	Unknown Cyclohexane #3	3060	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
	Unknown Cyclohexane #4	1830	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
NA	Unknown Heptadecane	2060	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
NA	Unknown Hydrocarbon #1	2670	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
NA	Unknown Hydrocarbon #2	2060	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
	Unknown Hydrocarbon #3	1760	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
	Unknown Hydrocarbon #4	1600	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR
NA	Unknown Pentadecane	2290	JN	ug/kg dry			2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:26	SR

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.56	7.56	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
72-20-8	Endrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.89	1.89	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.46	9.46	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW



Sample Information

Client Sample ID: C1 Comp (3-6)

York Sample ID: 14K0840-03

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 9:30 am

Date Received

11/21/2014

Pesticides, NJDEP/TCL/Part 375 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
8001-35-2	Toxaphene	ND		ug/kg dry	95.7	95.7	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:17	JW
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	56.6 %			30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	49.8 %			30-140						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:58	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:58	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:58	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:58	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:58	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:58	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:58	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A	11/25/2014 17:00	12/01/2014 13:58	AMC
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	39.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	42.0 %			30-140						

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		344		mg/kg dry	57.3	57.3	1	NJDEP EPH Rev 3.0	11/25/2014 16:00	11/26/2014 20:33	JW
Surrogate Recoveries		Result			Acceptance Range						
3386-33-2	Surrogate: 1-Chlorooctadecane	71.2 %			40-140						
84-15-1	Surrogate: o-Terphenyl	75.4 %			40-140						

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	7730		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW
7440-36-0	Antimony	ND		mg/kg dry	0.573	0.573	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW
7440-38-2	Arsenic	3.09		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW
7440-39-3	Barium	59.1		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW



Sample Information

Client Sample ID: C1 Comp (3-6)

York Sample ID: 14K0840-03

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 9:30 am

Date Received

11/21/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.115	0.115	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.344	0.344	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW
7440-70-2	Calcium	1080		mg/kg dry	0.573	5.73	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW
7440-47-3	Chromium	14.8		mg/kg dry	0.573	0.573	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW
7440-48-4	Cobalt	8.66		mg/kg dry	0.573	0.573	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW
7440-50-8	Copper	17.0		mg/kg dry	0.573	0.573	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW
7439-89-6	Iron	21300		mg/kg dry	2.29	2.29	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW
7439-92-1	Lead	13.7		mg/kg dry	0.344	0.344	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW
7439-95-4	Magnesium	2400		mg/kg dry	5.73	5.73	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW
7439-96-5	Manganese	205		mg/kg dry	0.573	0.573	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW
7440-02-0	Nickel	13.2		mg/kg dry	0.573	0.573	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW
7440-09-7	Potassium	1110		mg/kg dry	5.73	5.73	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW
7782-49-2	Selenium	3.56		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW
7440-22-4	Silver	ND		mg/kg dry	0.573	0.573	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW
7440-23-5	Sodium	112		mg/kg dry	11.5	11.5	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW
7440-28-0	Thallium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW
7440-62-2	Vanadium	25.1		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW
7440-66-6	Zinc	44.8		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:17	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:28	MW
7440-39-3	Barium	0.473		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:28	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:28	MW
7440-47-3	Chromium	0.006		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:28	MW
7439-92-1	Lead	0.047		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:28	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:28	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:28	MW



Sample Information

Client Sample ID: C1 Comp (3-6)

York Sample ID: 14K0840-03

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 9:30 am

Date Received

11/21/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0344	0.0344	1	EPA 7473	11/26/2014 06:58	11/26/2014 07:54	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 13:01	11/26/2014 06:10	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:09	11/26/2014 17:20	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.3		%	0.100	0.100	1	SM 2540G	12/01/2014 11:40	12/01/2014 17:21	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	0.401	0.573	1	EPA 7196A	12/02/2014 07:40	12/02/2014 14:51	SC

Corrosivity

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
	pH	8.05	HT-pH	pH units		0.500	1	EPA 9045D	12/01/2014 14:24	12/02/2014 15:56	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/04/2014 14:20	12/04/2014 19:37	AD

Reactivity-Sulfide

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: C1 Comp (3-6)

York Sample ID: 14K0840-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:30 am

11/21/2014

Reactivity-Sulfide

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
* Reactivity - Sulfide		16.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/04/2014 14:23	12/04/2014 19:28	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: C1 Grab (3-6)

York Sample ID: 14K0840-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:45 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK



Sample Information

Client Sample ID: C1 Grab (3-6)

York Sample ID: 14K0840-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:45 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg dry	11000	23000	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
110-82-7	Cyclohexane	370	J	ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
78-93-3	2-Butanone	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
591-78-6	2-Hexanone	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
67-64-1	Acetone	810	Cal-E, CCV-E, ICV-E, J	ug/kg dry	570	1100	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
107-02-8	Acrolein	ND		ug/kg dry	570	1100	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
71-43-2	Benzene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
75-25-2	Bromoform	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
74-83-9	Bromomethane	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
75-00-3	Chloroethane	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
67-66-3	Chloroform	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
74-87-3	Chloromethane	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
74-95-3	Dibromomethane	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
108-87-2	Methylcyclohexane	2600		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
79-20-9	Methyl acetate	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
75-09-2	Methylene chloride	ND		ug/kg dry	570	1100	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
95-47-6	o-Xylene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK



Sample Information

Client Sample ID: C1 Grab (3-6)

York Sample ID: 14K0840-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:45 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	570	1100	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
135-98-8	sec-Butylbenzene	680		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
100-42-5	Styrene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
108-88-3	Toluene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	280	570	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	850	1700	100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.1 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	88.4 %	76-130								
2037-26-5	Surrogate: Toluene-d8	96.1 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
NA	alkylcyclohexane isomers	61000	J	ug/kg dry			100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
NA	alkylnaphthalene isomer	4400	J	ug/kg dry			100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
NA	dimethyloctane isomer	7000	J	ug/kg dry			100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
NA	Dimethylundecane isomer	7900	J	ug/kg dry			100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
NA	Methyldecane isomer	7000	J	ug/kg dry			100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
NA	Methylnonane isomer	8700	J	ug/kg dry			100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
NA	pentalene isomer	6100	J	ug/kg dry			100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK
NA	tetramethylbenzene isomer	5200	J	ug/kg dry			100	EPA 8260C	12/01/2014 16:49	12/02/2014 05:31	BK



Sample Information

Client Sample ID: C1 Grab (3-6)

York Sample ID: 14K0840-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 9:45 am

11/21/2014

Total Solids

Log-in Notes: VOA-CONT

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	88.1		%	0.100	0.100	1	SM 2540G	12/01/2014 11:40	12/01/2014 17:21	SCA

Sample Information

Client Sample ID: C1 Comp (6-9)

York Sample ID: 14K0840-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:00 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
98-86-2	Acetophenone	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
120-12-7	Anthracene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
1912-24-9	Atrazine	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
92-87-5	Benzidine	ND		ug/kg dry	198	395	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
65-85-0	Benzoic acid	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
105-60-2	Caprolactam	ND		ug/kg dry	98.7	197	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
86-74-8	Carbazole	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR



Sample Information

Client Sample ID: C1 Comp (6-9)

York Sample ID: 14K0840-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:00 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
218-01-9	Chrysene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	98.7	197	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	98.7	197	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
206-44-0	Fluoranthene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
86-73-7	Fluorene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
78-59-1	Isophorone	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
91-20-3	Naphthalene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	98.7	197	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR



Sample Information

Client Sample ID: C1 Comp (6-9)

York Sample ID: 14K0840-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:00 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	98.7	197	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	98.7	197	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	98.7	197	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
85-01-8	Phenanthrene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
108-95-2	Phenol	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
129-00-0	Pyrene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.5	98.7	2	EPA 8270D	12/01/2014 12:00	12/02/2014 09:57	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	65.2 %		10-99							
4165-62-2	Surrogate: Phenol-d5	83.9 %		10-108							
4165-60-0	Surrogate: Nitrobenzene-d5	76.4 %		10-119							
321-60-8	Surrogate: 2-Fluorobiphenyl	81.6 %		10-114							
118-79-6	Surrogate: 2,4,6-Tribromophenol	66.4 %		10-106							
1718-51-0	Surrogate: Terphenyl-d14	91.5 %		10-123							

Pesticides, NJDEP/TCL/Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.81	7.81	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW



Sample Information

Client Sample ID: C1 Comp (6-9)

York Sample ID: 14K0840-05

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 10:00 am

Date Received

11/21/2014

Pesticides, NJDEP/TCL/Part 375 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
50-29-3	4,4'-DDT	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
72-20-8	Endrin	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.77	9.77	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
8001-35-2	Toxaphene	ND		ug/kg dry	98.8	98.8	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:33	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	69.8 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	62.5 %		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	0.0197	0.0197	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:17	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:17	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:17	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:17	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:17	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:17	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:17	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:17	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	54.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	60.5 %		30-140							



Sample Information

Client Sample ID: C1 Comp (6-9)

York Sample ID: 14K0840-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 10:00 am

11/21/2014

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		1140		mg/kg dry	59.2	59.2	1	NJDEP EPH Rev 3.0	11/25/2014 16:00	11/26/2014 21:02	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	71.2 %		40-140							
84-15-1	Surrogate: o-Terphenyl	76.7 %		40-140							

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	7540		mg/kg dry	1.18	1.18	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7440-36-0	Antimony	ND		mg/kg dry	0.592	0.592	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7440-38-2	Arsenic	2.34		mg/kg dry	1.18	1.18	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7440-39-3	Barium	52.5		mg/kg dry	1.18	1.18	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.118	0.118	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.355	0.355	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7440-70-2	Calcium	1280		mg/kg dry	0.592	5.92	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7440-47-3	Chromium	14.3		mg/kg dry	0.592	0.592	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7440-48-4	Cobalt	8.04		mg/kg dry	0.592	0.592	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7440-50-8	Copper	15.3		mg/kg dry	0.592	0.592	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7439-89-6	Iron	18800		mg/kg dry	2.37	2.37	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7439-92-1	Lead	12.7		mg/kg dry	0.355	0.355	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7439-95-4	Magnesium	2250		mg/kg dry	5.92	5.92	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7439-96-5	Manganese	328		mg/kg dry	0.592	0.592	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7440-02-0	Nickel	12.7		mg/kg dry	0.592	0.592	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7440-09-7	Potassium	1120		mg/kg dry	5.92	5.92	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7782-49-2	Selenium	3.70		mg/kg dry	1.18	1.18	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7440-22-4	Silver	ND		mg/kg dry	0.592	0.592	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7440-23-5	Sodium	67.6		mg/kg dry	11.8	11.8	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7440-28-0	Thallium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7440-62-2	Vanadium	23.8		mg/kg dry	1.18	1.18	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW
7440-66-6	Zinc	34.5		mg/kg dry	1.18	1.18	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:22	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:33	MW
7440-39-3	Barium	0.506		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:33	MW



Sample Information

Client Sample ID: C1 Comp (6-9)

York Sample ID: 14K0840-05

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 10:00 am

Date Received

11/21/2014

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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/1311	12/01/2014 16:06	12/02/2014 07:33	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:33	MW
7439-92-1	Lead	0.031		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:33	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:33	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:33	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0355	0.0355	1	EPA 7473	11/26/2014 06:58	11/26/2014 09:09	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/25/2014 13:01	11/26/2014 06:10	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:09	11/26/2014 17:20	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.5		%	0.100	0.100	1	SM 2540G	11/26/2014 07:31	11/26/2014 10:26	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	0.414	0.592	1	EPA 7196A	12/02/2014 07:40	12/02/2014 14:51	SC

Corrosivity

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
	pH	7.74	HT-pH	pH units		0.500	1	EPA 9045D	12/01/2014 14:24	12/02/2014 15:56	SCA



Sample Information

Client Sample ID: C1 Comp (6-9)

York Sample ID: 14K0840-05

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 10:00 am

Date Received

11/21/2014

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/04/2014 14:20	12/04/2014 19:37	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/04/2014 14:23	12/04/2014 19:28	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: C1 Grab (6-9)

York Sample ID: 14K0840-06

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 11:00 am

Date Received

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK



Sample Information

Client Sample ID: C1 Grab (6-9)

York Sample ID: 14K0840-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:00 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

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	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	23000	47000	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
110-82-7	Cyclohexane	1700		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
78-93-3	2-Butanone	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
591-78-6	2-Hexanone	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
67-64-1	Acetone	1400	Cal-E, CCV-E, ICV-E, J	ug/kg dry	1200	2300	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
107-02-8	Acrolein	ND		ug/kg dry	1200	2300	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
71-43-2	Benzene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
75-25-2	Bromoform	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
74-83-9	Bromomethane	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
75-00-3	Chloroethane	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
67-66-3	Chloroform	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
74-87-3	Chloromethane	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
74-95-3	Dibromomethane	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
108-87-2	Methylcyclohexane	10000		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
79-20-9	Methyl acetate	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK



Sample Information

Client Sample ID: C1 Grab (6-9)

York Sample ID: 14K0840-06

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 11:00 am

Date Received

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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	1200	2300	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
103-65-1	n-Propylbenzene	890	J	ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
95-47-6	o-Xylene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	1200	2300	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
135-98-8	sec-Butylbenzene	1900		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
100-42-5	Styrene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
108-88-3	Toluene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	590	1200	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	1800	3500	200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.5 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	84.7 %	76-130								
2037-26-5	Surrogate: Toluene-d8	98.7 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
527-53-7	1,2,4,5-Tetramethylbenzene	6000	JN	ug/kg dry			200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
NA	alkylcyclohexane isomers	110000	J	ug/kg dry			200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
NA	alkylindene isomer	12000	J	ug/kg dry			200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
NA	alkylnaphthalene isomer	11000	J	ug/kg dry			200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
NA	dimethyloctane isomer	14000	J	ug/kg dry			200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
NA	Dimethylundecane isomer	15000	J	ug/kg dry			200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
112-95-8	eicosanol isomer	8300	J	ug/kg dry			200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
NA	Methyldecane isomer	12000	J	ug/kg dry			200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
NA	Methylnonane isomer	16000	J	ug/kg dry			200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK
NA	tetramethylbenzene isomer	10000	J	ug/kg dry			200	EPA 8260C	12/01/2014 16:49	12/02/2014 06:07	BK



Sample Information

Client Sample ID: C1 Grab (6-9)

York Sample ID: 14K0840-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:00 am

11/21/2014

Total Solids

Log-in Notes: VOA-CONT

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	85.4		%	0.100	0.100	1	SM 2540G	11/26/2014 07:31	11/26/2014 10:26	SCA

Sample Information

Client Sample ID: C1 Comp (9-12)

York Sample ID: 14K0840-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:15 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
98-86-2	Acetophenone	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
120-12-7	Anthracene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
1912-24-9	Atrazine	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
92-87-5	Benzidine	ND		ug/kg dry	202	405	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
65-85-0	Benzoic acid	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
105-60-2	Caprolactam	ND		ug/kg dry	101	202	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
86-74-8	Carbazole	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR



Sample Information

Client Sample ID: C1 Comp (9-12)

York Sample ID: 14K0840-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:15 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
218-01-9	Chrysene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	101	202	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	101	202	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
206-44-0	Fluoranthene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
86-73-7	Fluorene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
78-59-1	Isophorone	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
91-20-3	Naphthalene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR



Sample Information

Client Sample ID: C1 Comp (9-12)

York Sample ID: 14K0840-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:15 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	101	202	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
85-01-8	Phenanthrene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
108-95-2	Phenol	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
129-00-0	Pyrene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.6	101	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:28	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	27.9 %				10-99					
4165-62-2	Surrogate: Phenol-d5	48.2 %				10-108					
4165-60-0	Surrogate: Nitrobenzene-d5	22.5 %				10-119					
321-60-8	Surrogate: 2-Fluorobiphenyl	50.9 %				10-114					
118-79-6	Surrogate: 2,4,6-Tribromophenol	53.0 %				10-106					
1718-51-0	Surrogate: Terphenyl-d14	85.6 %				10-123					

Pesticides, NJDEP/TCL/Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.00	8.00	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW



Sample Information

Client Sample ID: C1 Comp (9-12)

York Sample ID: 14K0840-07

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 11:15 am

Date Received

11/21/2014

Pesticides, NJDEP/TCL/Part 375 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
50-29-3	4,4'-DDT	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
72-20-8	Endrin	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.0	10.0	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
8001-35-2	Toxaphene	ND		ug/kg dry	101	101	5	EPA 8081B	11/25/2014 17:00	12/01/2014 23:49	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	67.5 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	73.4 %		30-140							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:36	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:36	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:36	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:36	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:36	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:36	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:36	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:36	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	39.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	34.0 %		30-140							



Sample Information

Client Sample ID: C1 Comp (9-12)

York Sample ID: 14K0840-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:15 am

11/21/2014

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		341		mg/kg dry	60.6	60.6	1	NJDEP EPH Rev 3.0	11/25/2014 16:00	11/26/2014 21:31	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	61.8 %		40-140							
84-15-1	Surrogate: o-Terphenyl	60.6 %		40-140							

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	8260		mg/kg dry	1.21	1.21	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7440-36-0	Antimony	ND		mg/kg dry	0.606	0.606	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7440-38-2	Arsenic	2.70		mg/kg dry	1.21	1.21	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7440-39-3	Barium	53.8		mg/kg dry	1.21	1.21	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.121	0.121	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.364	0.364	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7440-70-2	Calcium	1260		mg/kg dry	0.606	6.06	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7440-47-3	Chromium	16.7		mg/kg dry	0.606	0.606	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7440-48-4	Cobalt	8.48		mg/kg dry	0.606	0.606	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7440-50-8	Copper	17.4		mg/kg dry	0.606	0.606	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7439-89-6	Iron	20700		mg/kg dry	2.42	2.42	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7439-92-1	Lead	26.2		mg/kg dry	0.364	0.364	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7439-95-4	Magnesium	2100		mg/kg dry	6.06	6.06	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7439-96-5	Manganese	346		mg/kg dry	0.606	0.606	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7440-02-0	Nickel	12.9		mg/kg dry	0.606	0.606	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7440-09-7	Potassium	913		mg/kg dry	6.06	6.06	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7782-49-2	Selenium	3.53		mg/kg dry	1.21	1.21	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7440-22-4	Silver	ND		mg/kg dry	0.606	0.606	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7440-23-5	Sodium	92.6		mg/kg dry	12.1	12.1	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7440-28-0	Thallium	ND		mg/kg dry	1.21	1.21	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7440-62-2	Vanadium	28.1		mg/kg dry	1.21	1.21	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW
7440-66-6	Zinc	39.5		mg/kg dry	1.21	1.21	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:27	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:38	MW
7440-39-3	Barium	0.511		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:38	MW



Sample Information

Client Sample ID: C1 Comp (9-12)

York Sample ID: 14K0840-07

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 11:15 am

Date Received

11/21/2014

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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/1311	12/01/2014 16:06	12/02/2014 07:38	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:38	MW
7439-92-1	Lead	0.041		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:38	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:38	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:38	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0364	0.0364	1	EPA 7473	11/26/2014 06:58	11/26/2014 09:18	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/26/2014 07:02	11/26/2014 12:31	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:09	11/26/2014 17:20	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.5		%	0.100	0.100	1	SM 2540G	11/26/2014 07:31	11/26/2014 10:26	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	0.424	0.606	1	EPA 7196A	12/02/2014 07:40	12/02/2014 14:51	SC

Corrosivity

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
	pH	7.67		HT-pH pH units		0.500	1	EPA 9045D	12/01/2014 14:24	12/02/2014 15:56	SCA



Sample Information

Client Sample ID: C1 Comp (9-12)

York Sample ID: 14K0840-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:15 am

11/21/2014

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/04/2014 14:20	12/04/2014 19:37	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	ND		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/04/2014 14:23	12/04/2014 19:28	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: C1 Grab (9-12)

York Sample ID: 14K0840-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:16 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK



Sample Information

Client Sample ID: C1 Grab (9-12)

York Sample ID: 14K0840-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:16 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	230	470	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
110-82-7	Cyclohexane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
591-78-6	2-Hexanone	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
67-64-1	Acetone	14	Cal-E, CCV-E, ICV-E, J	ug/kg dry	12	23	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
107-02-8	Acrolein	ND		ug/kg dry	12	23	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
71-43-2	Benzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
75-25-2	Bromoform	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
67-66-3	Chloroform	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
108-87-2	Methylcyclohexane	17		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
79-20-9	Methyl acetate	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK



Sample Information

Client Sample ID: C1 Grab (9-12)

York Sample ID: 14K0840-08

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 11:16 am

Date Received

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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	12	23	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	23	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
100-42-5	Styrene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
108-88-3	Toluene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.9	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	18	35	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %				77-125					
460-00-4	Surrogate: p-Bromofluorobenzene	94.0 %				76-130					
2037-26-5	Surrogate: Toluene-d8	137 %	S-08			85-120					

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
NA	alkylbenzene isomers	69	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
NA	alkylcyclohexane isomers	25	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
NA	cyclohexanone isomer	13	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
NA	methyldpyrroline isomer	15	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
NA	silane isomer	15	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK
NA	unknown	13	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:15	BK



Sample Information

Client Sample ID: C1 Grab (9-12)

York Sample ID: 14K0840-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:16 am

11/21/2014

Total Solids

Log-in Notes: VOA-CONT

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	85.5		%	0.100	0.100	1	SM 2540G	11/26/2014 07:31	11/26/2014 10:26	SCA

Sample Information

Client Sample ID: C1 Comp (12-15)

York Sample ID: 14K0840-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:17 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
98-86-2	Acetophenone	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
120-12-7	Anthracene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
1912-24-9	Atrazine	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
92-87-5	Benzidine	ND		ug/kg dry	198	396	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
65-85-0	Benzoic acid	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
105-60-2	Caprolactam	ND		ug/kg dry	98.8	197	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
86-74-8	Carbazole	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR



Sample Information

Client Sample ID: C1 Comp (12-15)

York Sample ID: 14K0840-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:17 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
218-01-9	Chrysene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	98.8	197	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	98.8	197	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
206-44-0	Fluoranthene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
86-73-7	Fluorene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
78-59-1	Isophorone	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
91-20-3	Naphthalene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	98.8	197	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR



Sample Information

Client Sample ID: C1 Comp (12-15)

York Sample ID: 14K0840-09

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 11:17 am

Date Received

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	98.8	197	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	98.8	197	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	98.8	197	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
85-01-8	Phenanthrene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
108-95-2	Phenol	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
129-00-0	Pyrene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.5	98.8	2	EPA 8270D	12/01/2014 12:00	12/02/2014 10:59	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	57.8 %				10-99					
4165-62-2	Surrogate: Phenol-d5	71.5 %				10-108					
4165-60-0	Surrogate: Nitrobenzene-d5	62.0 %				10-119					
321-60-8	Surrogate: 2-Fluorobiphenyl	65.1 %				10-114					
118-79-6	Surrogate: 2,4,6-Tribromophenol	61.1 %				10-106					
1718-51-0	Surrogate: Terphenyl-d14	84.1 %				10-123					

Pesticides, NJDEP/TCL/Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.82	7.82	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW



Sample Information

Client Sample ID: C1 Comp (12-15)

York Sample ID: 14K0840-09

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 11:17 am

Date Received

11/21/2014

Pesticides, NJDEP/TCL/Part 375 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
50-29-3	4,4'-DDT	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
72-20-8	Endrin	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.95	1.95	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.77	9.77	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
8001-35-2	Toxaphene	ND		ug/kg dry	98.9	98.9	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:05	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	47.5 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	45.2 %		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	0.0197	0.0197	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:56	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:56	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:56	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:56	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:56	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:56	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:56	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	0.0197	1	EPA 8082A	11/25/2014 17:00	12/01/2014 14:56	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	40.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	50.5 %		30-140							



Sample Information

Client Sample ID: C1 Comp (12-15)

York Sample ID: 14K0840-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:17 am

11/21/2014

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	59.2	59.2	1	NJDEP EPH Rev 3.0	11/25/2014 16:00	11/26/2014 22:00	JW
	Surrogate Recoveries	Result						Acceptance Range			
3386-33-2	Surrogate: 1-Chlorooctadecane	41.4 %									
84-15-1	Surrogate: o-Terphenyl	41.4 %									

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	6460		mg/kg dry	1.18	1.18	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7440-36-0	Antimony	ND		mg/kg dry	0.592	0.592	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7440-38-2	Arsenic	2.08		mg/kg dry	1.18	1.18	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7440-39-3	Barium	43.9		mg/kg dry	1.18	1.18	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.118	0.118	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.355	0.355	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7440-70-2	Calcium	1120		mg/kg dry	0.592	5.92	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7440-47-3	Chromium	15.7		mg/kg dry	0.592	0.592	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7440-48-4	Cobalt	7.19		mg/kg dry	0.592	0.592	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7440-50-8	Copper	17.4		mg/kg dry	0.592	0.592	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7439-89-6	Iron	17500		mg/kg dry	2.37	2.37	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7439-92-1	Lead	6.02		mg/kg dry	0.355	0.355	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7439-95-4	Magnesium	2240		mg/kg dry	5.92	5.92	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7439-96-5	Manganese	206		mg/kg dry	0.592	0.592	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7440-02-0	Nickel	13.2		mg/kg dry	0.592	0.592	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7440-09-7	Potassium	1240		mg/kg dry	5.92	5.92	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7782-49-2	Selenium	3.11		mg/kg dry	1.18	1.18	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7440-22-4	Silver	ND		mg/kg dry	0.592	0.592	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7440-23-5	Sodium	58.5		mg/kg dry	11.8	11.8	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7440-28-0	Thallium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7440-62-2	Vanadium	26.7		mg/kg dry	1.18	1.18	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW
7440-66-6	Zinc	131		mg/kg dry	1.18	1.18	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:31	MW

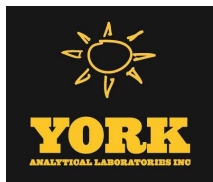
Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:43	MW
7440-39-3	Barium	0.401		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:43	MW



Sample Information

Client Sample ID: C1 Comp (12-15)

York Sample ID: 14K0840-09

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 11:17 am

Date Received

11/21/2014

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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/1311	12/01/2014 16:06	12/02/2014 07:43	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:43	MW
7439-92-1	Lead	0.011		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:43	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:43	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:43	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0355	0.0355	1	EPA 7473	11/26/2014 06:58	11/26/2014 09:27	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/26/2014 07:02	11/26/2014 12:31	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:10	11/26/2014 17:25	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.4		%	0.100	0.100	1	SM 2540G	11/26/2014 07:31	11/26/2014 10:26	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	0.415	0.592	1	EPA 7196A	12/02/2014 07:40	12/02/2014 14:51	SC

Corrosivity

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
	pH	7.60	HT-pH	pH units		0.500	1	EPA 9045D	12/01/2014 14:24	12/02/2014 15:56	SCA



Sample Information

Client Sample ID: C1 Comp (12-15)

York Sample ID: 14K0840-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:17 am

11/21/2014

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/04/2014 14:20	12/04/2014 19:37	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	24.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/04/2014 14:23	12/04/2014 19:28	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: C1 Grab (12-15)

York Sample ID: 14K0840-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:20 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK



Sample Information

Client Sample ID: C1 Grab (12-15)

York Sample ID: 14K0840-10

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 11:20 am

Date Received

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	240	480	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
110-82-7	Cyclohexane	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
78-93-3	2-Butanone	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
591-78-6	2-Hexanone	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
67-64-1	Acetone	19	ICV-E, Cal-E, CCV-E, J	ug/kg dry	12	24	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
107-02-8	Acrolein	ND		ug/kg dry	12	24	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
71-43-2	Benzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
75-25-2	Bromoform	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
74-83-9	Bromomethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
75-00-3	Chloroethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
67-66-3	Chloroform	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
74-87-3	Chloromethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
74-95-3	Dibromomethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
108-87-2	Methylcyclohexane	27		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
79-20-9	Methyl acetate	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
75-09-2	Methylene chloride	ND		ug/kg dry	12	24	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK



Sample Information

Client Sample ID: C1 Grab (12-15)

York Sample ID: 14K0840-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:20 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
95-47-6	o-Xylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	24	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
100-42-5	Styrene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
108-88-3	Toluene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.0	12	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	18	36	1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	91.1 %	76-130								
2037-26-5	Surrogate: Toluene-d8	102 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
527-53-7	1,2,4,5-Tetramethylbenzene	23	JN	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
NA	alkylbenzene isomers	33	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
NA	alkylcyclohexane isomers	180	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
NA	alkylnaphthalene isomers	24	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
NA	cyclodecane isomer	23	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
NA	dimethyloctane isomer	24	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
NA	Docosene isomer	30	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
NA	Methyldecane isomer	52	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
NA	methylundecane isomer	23	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK
NA	unknown	78	J	ug/kg dry			1	EPA 8260C	11/26/2014 13:22	11/27/2014 03:51	BK



Sample Information

Client Sample ID: C1 Grab (12-15)

York Sample ID: 14K0840-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:20 am

11/21/2014

Total Solids

Log-in Notes: VOA-CONT

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	82.9		%	0.100	0.100	1	SM 2540G	11/26/2014 07:31	11/26/2014 10:26	SCA

Sample Information

Client Sample ID: C1 Comp (15-18)

York Sample ID: 14K0840-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:30 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
98-86-2	Acetophenone	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
120-12-7	Anthracene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
1912-24-9	Atrazine	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
92-87-5	Benzidine	ND		ug/kg dry	196	391	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
65-85-0	Benzoic acid	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
105-60-2	Caprolactam	ND		ug/kg dry	97.6	195	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
86-74-8	Carbazole	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR



Sample Information

Client Sample ID: C1 Comp (15-18)

York Sample ID: 14K0840-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:30 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
218-01-9	Chrysene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	97.6	195	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	97.6	195	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
206-44-0	Fluoranthene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
86-73-7	Fluorene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
78-59-1	Isophorone	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
91-20-3	Naphthalene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	97.6	195	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR



Sample Information

Client Sample ID: C1 Comp (15-18)

York Sample ID: 14K0840-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:30 am

11/21/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	97.6	195	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	97.6	195	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	97.6	195	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
85-01-8	Phenanthrene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
108-95-2	Phenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
129-00-0	Pyrene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.9	97.6	2	EPA 8270D	12/01/2014 12:00	12/02/2014 11:30	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	32.0 %				10-99					
4165-62-2	Surrogate: Phenol-d5	49.6 %				10-108					
4165-60-0	Surrogate: Nitrobenzene-d5	24.1 %				10-119					
321-60-8	Surrogate: 2-Fluorobiphenyl	23.2 %				10-114					
118-79-6	Surrogate: 2,4,6-Tribromophenol	49.7 %				10-106					
1718-51-0	Surrogate: Terphenyl-d14	85.8 %				10-123					

Pesticides, NJDEP/TCL/Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.73	7.73	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW



Sample Information

Client Sample ID: C1 Comp (15-18)

York Sample ID: 14K0840-11

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 11:30 am

Date Received

11/21/2014

Pesticides, NJDEP/TCL/Part 375 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
50-29-3	4,4'-DDT	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
72-20-8	Endrin	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.93	1.93	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.66	9.66	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
8001-35-2	Toxaphene	ND		ug/kg dry	97.8	97.8	5	EPA 8081B	11/25/2014 17:00	12/02/2014 00:21	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	35.4 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	51.4 %		30-140							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:15	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:15	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:15	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:15	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:15	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:15	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:15	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	11/25/2014 17:00	12/01/2014 15:15	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	38.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	34.5 %		30-140							



Sample Information

Client Sample ID: C1 Comp (15-18)

York Sample ID: 14K0840-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:30 am

11/21/2014

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	58.5	58.5	1	NJDEP EPH Rev 3.0	11/25/2014 16:00	11/26/2014 22:28	JW
	Surrogate Recoveries	Result						Acceptance Range			
3386-33-2	Surrogate: 1-Chlorooctadecane	77.4 %						40-140			
84-15-1	Surrogate: o-Terphenyl	76.4 %						40-140			

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	6340		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7440-36-0	Antimony	ND		mg/kg dry	0.585	0.585	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7440-38-2	Arsenic	1.70		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7440-39-3	Barium	44.8		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.117	0.117	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.351	0.351	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7440-70-2	Calcium	1240		mg/kg dry	0.585	5.85	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7440-47-3	Chromium	14.9		mg/kg dry	0.585	0.585	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7440-48-4	Cobalt	7.56		mg/kg dry	0.585	0.585	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7440-50-8	Copper	16.3		mg/kg dry	0.585	0.585	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7439-89-6	Iron	19300		mg/kg dry	2.34	2.34	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7439-92-1	Lead	6.37		mg/kg dry	0.351	0.351	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7439-95-4	Magnesium	2280		mg/kg dry	5.85	5.85	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7439-96-5	Manganese	292		mg/kg dry	0.585	0.585	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7440-02-0	Nickel	12.2		mg/kg dry	0.585	0.585	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7440-09-7	Potassium	1230		mg/kg dry	5.85	5.85	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7782-49-2	Selenium	3.35		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7440-22-4	Silver	ND		mg/kg dry	0.585	0.585	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7440-23-5	Sodium	66.1		mg/kg dry	11.7	11.7	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7440-28-0	Thallium	ND		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7440-62-2	Vanadium	26.2		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW
7440-66-6	Zinc	33.5		mg/kg dry	1.17	1.17	1	EPA 6010C	12/02/2014 14:30	12/02/2014 19:36	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:48	MW
7440-39-3	Barium	0.530		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:48	MW



Sample Information

Client Sample ID: C1 Comp (15-18)

York Sample ID: 14K0840-11

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 11:30 am

Date Received

11/21/2014

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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/1311	12/01/2014 16:06	12/02/2014 07:48	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:48	MW
7439-92-1	Lead	0.007		mg/L	0.003	0.003	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:48	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:48	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/01/2014 16:06	12/02/2014 07:48	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0351	0.0351	1	EPA 7473	11/26/2014 06:58	11/26/2014 09:36	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	11/26/2014 07:02	11/26/2014 12:31	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:10	11/26/2014 17:25	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.4		%	0.100	0.100	1	SM 2540G	11/26/2014 07:31	11/26/2014 10:26	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	0.410	0.585	1	EPA 7196A	12/02/2014 07:40	12/02/2014 14:51	SC

Corrosivity

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
	pH	7.25	HT-pH	pH units		0.500	1	EPA 9045D	12/01/2014 14:24	12/02/2014 15:56	SCA



Sample Information

Client Sample ID: C1 Comp (15-18)

York Sample ID: 14K0840-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:30 am

11/21/2014

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/04/2014 14:20	12/04/2014 19:37	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	24.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/04/2014 14:23	12/04/2014 19:28	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	11/24/2014 19:00	11/25/2014 15:26	KK

Sample Information

Client Sample ID: C1 Grab (15-18)

York Sample ID: 14K0840-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0840

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Soil

November 21, 2014 11:40 am

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK



Sample Information

Client Sample ID: C1 Grab (15-18)

York Sample ID: 14K0840-12

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 11:40 am

Date Received

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	230	460	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
110-82-7	Cyclohexane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
591-78-6	2-Hexanone	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
67-64-1	Acetone	50	Cal-E, CCV-E	ug/kg dry	11	23	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
107-02-8	Acrolein	ND		ug/kg dry	11	23	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
71-43-2	Benzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
75-25-2	Bromoform	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
67-66-3	Chloroform	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
79-20-9	Methyl acetate	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
75-09-2	Methylene chloride	ND		ug/kg dry	11	23	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK



Sample Information

Client Sample ID: C1 Grab (15-18)

York Sample ID: 14K0840-12

York Project (SDG) No.

14K0840

Client Project ID

Grid Section C1 25 Kent Avenue, Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 21, 2014 11:40 am

Date Received

11/21/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	23	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
100-42-5	Styrene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	11	23	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
108-88-3	Toluene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	17	34	1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.0 %		77-125							
460-00-4	Surrogate: p-Bromofluorobenzene	95.5 %		76-130							
2037-26-5	Surrogate: Toluene-d8	104 %		85-120							

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	12/02/2014 08:55	12/02/2014 11:26	BK

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.0		%	0.100	0.100	1	SM 2540G	12/02/2014 10:30	12/02/2014 16:54	SCA



Analytical Batch Summary

Batch ID: BK41136 **Preparation Method:** EPA SW 846-1311 TCLP ext. for met **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-01	C1 Comp (0-3)	11/24/14
14K0840-03	C1 Comp (3-6)	11/24/14
14K0840-05	C1 Comp (6-9)	11/24/14
14K0840-07	C1 Comp (9-12)	11/24/14
14K0840-09	C1 Comp (12-15)	11/24/14
14K0840-11	C1 Comp (15-18)	11/24/14
BK41136-BLK1	Blank	11/24/14

Batch ID: BK41182 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-01	C1 Comp (0-3)	11/25/14
BK41182-BLK1	Blank	11/25/14
BK41182-SRM1	Reference	11/25/14

Batch ID: BK41192 **Preparation Method:** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-01	C1 Comp (0-3)	11/25/14
14K0840-03	C1 Comp (3-6)	11/25/14
14K0840-05	C1 Comp (6-9)	11/25/14
14K0840-07	C1 Comp (9-12)	11/25/14

Batch ID: BK41193 **Preparation Method:** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-09	C1 Comp (12-15)	11/25/14
14K0840-11	C1 Comp (15-18)	11/25/14

Batch ID: BK41202 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-01	C1 Comp (0-3)	11/25/14
14K0840-03	C1 Comp (3-6)	11/25/14
14K0840-05	C1 Comp (6-9)	11/25/14
BK41202-BLK1	Blank	11/25/14
BK41202-SRM1	Reference	11/25/14

Batch ID: BK41205 **Preparation Method:** EPA 3545A **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-03	C1 Comp (3-6)	11/25/14



14K0840-05	C1 Comp (6-9)	11/25/14
14K0840-07	C1 Comp (9-12)	11/25/14
14K0840-09	C1 Comp (12-15)	11/25/14
14K0840-11	C1 Comp (15-18)	11/25/14
BK41205-BLK1	Blank	11/25/14
BK41205-BS1	LCS	11/25/14
BK41205-BSD1	LCS Dup	11/25/14

Batch ID: BK41206 **Preparation Method:** EPA 3550C **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-01	C1 Comp (0-3)	11/25/14
14K0840-01	C1 Comp (0-3)	11/25/14
14K0840-03	C1 Comp (3-6)	11/25/14
14K0840-03	C1 Comp (3-6)	11/25/14
14K0840-05	C1 Comp (6-9)	11/25/14
14K0840-05	C1 Comp (6-9)	11/25/14
14K0840-07	C1 Comp (9-12)	11/25/14
14K0840-07	C1 Comp (9-12)	11/25/14
14K0840-09	C1 Comp (12-15)	11/25/14
14K0840-09	C1 Comp (12-15)	11/25/14
14K0840-11	C1 Comp (15-18)	11/25/14
14K0840-11	C1 Comp (15-18)	11/25/14
BK41206-BLK1	Blank	11/25/14
BK41206-BLK1	Blank	11/25/14
BK41206-BS1	LCS	11/25/14
BK41206-BS2	LCS	11/25/14
BK41206-BSD1	LCS Dup	11/25/14

Batch ID: BK41210 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-03	C1 Comp (3-6)	11/26/14
14K0840-05	C1 Comp (6-9)	11/26/14
14K0840-07	C1 Comp (9-12)	11/26/14
14K0840-09	C1 Comp (12-15)	11/26/14
14K0840-11	C1 Comp (15-18)	11/26/14
BK41210-BLK1	Blank	11/26/14
BK41210-DUP1	Duplicate	11/26/14
BK41210-MS1	Matrix Spike	11/26/14
BK41210-SRM1	Reference	11/26/14

Batch ID: BK41244 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-07	C1 Comp (9-12)	11/26/14
14K0840-09	C1 Comp (12-15)	11/26/14
14K0840-11	C1 Comp (15-18)	11/26/14
BK41244-BLK1	Blank	11/26/14
BK41244-DUP1	Duplicate	11/26/14
BK41244-MS1	Matrix Spike	11/26/14



BK41244-SRM1

Reference

11/26/14

Batch ID: BK41246**Preparation Method:** % Solids Prep**Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-05	C1 Comp (6-9)	11/26/14
14K0840-06	C1 Grab (6-9)	11/26/14
14K0840-07	C1 Comp (9-12)	11/26/14
14K0840-08	C1 Grab (9-12)	11/26/14
14K0840-09	C1 Comp (12-15)	11/26/14
14K0840-10	C1 Grab (12-15)	11/26/14
14K0840-11	C1 Comp (15-18)	11/26/14

Batch ID: BK41269**Preparation Method:** EPA 5035A**Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-02	C1 Grab (0-3)	11/26/14
14K0840-08	C1 Grab (9-12)	11/26/14
14K0840-10	C1 Grab (12-15)	11/26/14
BK41269-BLK1	Blank	11/26/14
BK41269-BS1	LCS	11/26/14
BK41269-BSD1	LCS Dup	11/26/14
BK41269-DUP1	Duplicate	11/26/14
BK41269-MS1	Matrix Spike	11/26/14

Batch ID: BK41274**Preparation Method:** EPA 3550C**Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-01	C1 Comp (0-3)	11/26/14
BK41274-BLK1	Blank	11/26/14
BK41274-BS1	LCS	11/26/14
BK41274-BSD1	LCS Dup	11/26/14

Batch ID: BL40001**Preparation Method:** EPA 3545A**Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-01	C1 Comp (0-3)	12/01/14
BL40001-BLK1	Blank	12/01/14
BL40001-BS1	LCS	12/01/14
BL40001-BSD1	LCS Dup	12/01/14
BL40001-DUP1	Duplicate	12/01/14
BL40001-MS1	Matrix Spike	12/01/14

Batch ID: BL40003**Preparation Method:** EPA 3550C**Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-03	C1 Comp (3-6)	12/01/14
14K0840-05	C1 Comp (6-9)	12/01/14



14K0840-07	C1 Comp (9-12)	12/01/14
14K0840-09	C1 Comp (12-15)	12/01/14
14K0840-11	C1 Comp (15-18)	12/01/14
BL40003-BLK1	Blank	12/01/14
BL40003-BS1	LCS	12/01/14
BL40003-BSD1	LCS Dup	12/01/14

Batch ID: BL40024 **Preparation Method:** % Solids Prep **Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-01	C1 Comp (0-3)	12/01/14
14K0840-02	C1 Grab (0-3)	12/01/14
14K0840-03	C1 Comp (3-6)	12/01/14
14K0840-04	C1 Grab (3-6)	12/01/14

Batch ID: BL40034 **Preparation Method:** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-01	C1 Comp (0-3)	12/01/14

Batch ID: BL40044 **Preparation Method:** Analysis Preparation **Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-01	C1 Comp (0-3)	12/01/14
14K0840-03	C1 Comp (3-6)	12/01/14
14K0840-05	C1 Comp (6-9)	12/01/14
14K0840-07	C1 Comp (9-12)	12/01/14
14K0840-09	C1 Comp (12-15)	12/01/14
14K0840-11	C1 Comp (15-18)	12/01/14

Batch ID: BL40055 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-04	C1 Grab (3-6)	12/01/14
14K0840-06	C1 Grab (6-9)	12/01/14
BL40055-BLK1	Blank	12/01/14
BL40055-BS1	LCS	12/01/14
BL40055-BSD1	LCS Dup	12/01/14

Batch ID: BL40064 **Preparation Method:** EPA 3010A/1311 **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-01	C1 Comp (0-3)	12/01/14
14K0840-03	C1 Comp (3-6)	12/01/14
14K0840-05	C1 Comp (6-9)	12/01/14
14K0840-07	C1 Comp (9-12)	12/01/14
14K0840-09	C1 Comp (12-15)	12/01/14
14K0840-11	C1 Comp (15-18)	12/01/14



BL40064-BLK1	Blank	12/01/14
BL40064-BLK2	Blank	12/01/14
BL40064-SRM1	Reference	12/01/14

Batch ID: BL40087 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-01	C1 Comp (0-3)	12/02/14
14K0840-03	C1 Comp (3-6)	12/02/14
14K0840-05	C1 Comp (6-9)	12/02/14
14K0840-07	C1 Comp (9-12)	12/02/14
14K0840-09	C1 Comp (12-15)	12/02/14
14K0840-11	C1 Comp (15-18)	12/02/14
BL40087-BLK1	Blank	12/02/14
BL40087-SRM1	Reference	12/02/14

Batch ID: BL40097 **Preparation Method:** % Solids Prep **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-12	C1 Grab (15-18)	12/02/14

Batch ID: BL40112 **Preparation Method:** EPA 5035A **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-12	C1 Grab (15-18)	12/02/14
BL40112-BLK1	Blank	12/02/14
BL40112-BS1	LCS	12/02/14
BL40112-BSD1	LCS Dup	12/02/14

Batch ID: BL40124 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-01	C1 Comp (0-3)	12/02/14
14K0840-03	C1 Comp (3-6)	12/02/14
14K0840-05	C1 Comp (6-9)	12/02/14
14K0840-07	C1 Comp (9-12)	12/02/14
14K0840-09	C1 Comp (12-15)	12/02/14
14K0840-11	C1 Comp (15-18)	12/02/14
BL40124-BLK1	Blank	12/02/14
BL40124-SRM1	Reference	12/02/14

Batch ID: BL40282 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-01	C1 Comp (0-3)	12/04/14
14K0840-03	C1 Comp (3-6)	12/04/14
14K0840-05	C1 Comp (6-9)	12/04/14
14K0840-07	C1 Comp (9-12)	12/04/14



14K0840-09	C1 Comp (12-15)	12/04/14
14K0840-11	C1 Comp (15-18)	12/04/14
BL40282-BLK1	Blank	12/04/14

Batch ID: BL40283 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
14K0840-01	C1 Comp (0-3)	12/04/14
14K0840-03	C1 Comp (3-6)	12/04/14
14K0840-05	C1 Comp (6-9)	12/04/14
14K0840-07	C1 Comp (9-12)	12/04/14
14K0840-09	C1 Comp (12-15)	12/04/14
14K0840-11	C1 Comp (15-18)	12/04/14
BL40283-BLK1	Blank	12/04/14
BL40283-BS1	LCS	12/04/14



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK41269 - EPA 5035A

Blank (BK41269-BLK1)

Prepared: 11/26/2014 Analyzed: 11/27/2014

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet
1,1,1-Trichloroethane	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,1-Dichloroethylene	ND	5.0	"
Bromochloromethane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
1,4-Dioxane	ND	100	"
Cyclohexane	ND	5.0	"
2-Butanone	ND	5.0	"
2-Hexanone	ND	5.0	"
4-Methyl-2-pentanone	ND	5.0	"
Acetone	ND	10	"
Acrolein	ND	10	"
Acrylonitrile	ND	5.0	"
Benzene	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"
Carbon disulfide	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	5.0	"
cis-1,2-Dichloroethylene	ND	5.0	"
cis-1,3-Dichloropropylene	ND	5.0	"
Dibromochloromethane	ND	5.0	"
Dibromomethane	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
Ethyl Benzene	ND	5.0	"
Methylcyclohexane	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl acetate	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylene chloride	ND	10	"
n-Butylbenzene	ND	5.0	"
1,2,3-Trichlorobenzene	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 BK41269 - EPA 5035A

Blank (BK41269-BLK1)

Prepared: 11/26/2014 Analyzed: 11/27/2014

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

Surrogate: 1,2-Dichloroethane-d4	59.8	ug/L	50.0	120	77-125
Surrogate: p-Bromofluorobenzene	44.1	"	50.0	88.3	76-130
Surrogate: Toluene-d8	51.5	"	50.0	103	85-120

LCS (BK41269-BS1)

Prepared & Analyzed: 11/26/2014

1,1,1,2-Tetrachloroethane	53	ug/L	50.0	106	75-129
1,1,1-Trichloroethane	52	"	50.0	105	71-137
1,1,2,2-Tetrachloroethane	52	"	50.0	104	79-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	39	"	50.0	77.2	58-146
1,1,2-Trichloroethane	53	"	50.0	106	83-123
1,1-Dichloroethane	49	"	50.0	98.3	75-130
1,1-Dichloroethylene	42	"	50.0	83.7	64-137
Bromochloromethane	54	"	50.0	108	74-129
1,2,4-Trichlorobenzene	45	"	50.0	89.5	80-141
1,2,4-Trimethylbenzene	48	"	50.0	96.1	84-125
1,2-Dibromo-3-chloropropane	58	"	50.0	117	74-142
1,2-Dibromoethane	52	"	50.0	104	86-123
1,2-Dichlorobenzene	49	"	50.0	98.2	85-122
1,2-Dichloroethane	55	"	50.0	110	71-133
1,2-Dichloropropane	53	"	50.0	106	81-122
1,3,5-Trimethylbenzene	45	"	50.0	89.7	82-126
1,3-Dichlorobenzene	45	"	50.0	90.2	84-124
1,4-Dichlorobenzene	48	"	50.0	96.9	84-124
1,4-Dioxane	1200	"	1000	117	10-228
Cyclohexane	48	"	50.0	96.1	70-130
2-Butanone	46	"	50.0	91.8	58-147
2-Hexanone	52	"	50.0	104	70-139
4-Methyl-2-pentanone	58	"	50.0	117	72-132
Acetone	34	"	50.0	67.5	36-155
Acrolein	34	"	50.0	67.4	10-238
Acrylonitrile	50	"	50.0	101	66-141
Benzene	50	"	50.0	99.5	77-127
Bromodichloromethane	56	"	50.0	111	81-124
Bromoform	55	"	50.0	109	80-136
Bromomethane	34	"	50.0	67.1	32-177
Carbon disulfide	35	"	50.0	69.5	10-136
Carbon tetrachloride	54	"	50.0	108	66-143



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 BK41269 - EPA 5035A

LCS (BK41269-BS1)

Prepared & Analyzed: 11/26/2014

Chlorobenzene	50		ug/L	50.0		99.6	86-120				
Chloroethane	37		"	50.0		74.0	51-142				
Chloroform	52		"	50.0		105	76-131				
Chloromethane	48		"	50.0		95.4	49-132				
cis-1,2-Dichloroethylene	49		"	50.0		98.1	74-132				
cis-1,3-Dichloropropylene	50		"	50.0		99.5	81-129				
Dibromochloromethane	56		"	50.0		112	10-200				
Dibromomethane	57		"	50.0		113	83-124				
Dichlorodifluoromethane	56		"	50.0		112	28-158				
Ethyl Benzene	52		"	50.0		103	84-125				
Methylcyclohexane	48		"	50.0		97.0	70-130				
Hexachlorobutadiene	51		"	50.0		102	83-133				
Isopropylbenzene	53		"	50.0		106	81-127				
Methyl acetate	42		"	50.0		84.6	41-143				
Methyl tert-butyl ether (MTBE)	49		"	50.0		98.1	74-131				
Methylene chloride	46		"	50.0		91.6	57-141				
n-Butylbenzene	51		"	50.0		103	80-130				
1,2,3-Trichlorobenzene	45		"	50.0		89.0	81-140				
n-Propylbenzene	51		"	50.0		103	74-136				
o-Xylene	53		"	50.0		107	83-123				
p- & m- Xylenes	100		"	100		105	82-128				
p-Isopropyltoluene	47		"	50.0		94.1	85-125				
sec-Butylbenzene	48		"	50.0		95.8	83-125				
Styrene	53		"	50.0		106	86-126				
tert-Butyl alcohol (TBA)	54		"	50.0		108	70-130				
tert-Butylbenzene	50		"	50.0		101	80-127				
Tetrachloroethylene	50		"	50.0		100	80-129				
Toluene	51		"	50.0		102	85-121				
trans-1,2-Dichloroethylene	47		"	50.0		94.3	72-132				
trans-1,3-Dichloropropylene	49		"	50.0		98.8	78-132				
Trichloroethylene	52		"	50.0		105	84-123				
Trichlorofluoromethane	46		"	50.0		92.7	62-140				
Vinyl Chloride	37		"	50.0		73.7	52-130				
Surrogate: 1,2-Dichloroethane-d4	56.4		"	50.0		113	77-125				
Surrogate: p-Bromofluorobenzene	46.3		"	50.0		92.6	76-130				
Surrogate: Toluene-d8	50.2		"	50.0		100	85-120				



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 BK41269 - EPA 5035A											
LCS Dup (BK41269-BSD1)						Prepared & Analyzed: 11/26/2014					
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		108	75-129		0.972	30	
1,1,1-Trichloroethane	54		"	50.0		109	71-137		3.95	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		107	79-129		3.00	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	39		"	50.0		78.2	58-146		1.29	30	
1,1,2-Trichloroethane	56		"	50.0		112	83-123		5.25	30	
1,1-Dichloroethane	48		"	50.0		95.0	75-130		3.35	30	
1,1-Dichloroethylene	43		"	50.0		86.3	64-137		3.08	30	
Bromochloromethane	55		"	50.0		109	74-129		1.68	30	
1,2,4-Trichlorobenzene	46		"	50.0		91.4	80-141		2.10	30	
1,2,4-Trimethylbenzene	48		"	50.0		96.0	84-125		0.0417	30	
1,2-Dibromo-3-chloropropane	62		"	50.0		123	74-142		5.15	30	
1,2-Dibromoethane	55		"	50.0		109	86-123		4.87	30	
1,2-Dichlorobenzene	50		"	50.0		99.2	85-122		0.993	30	
1,2-Dichloroethane	56		"	50.0		112	71-133		2.16	30	
1,2-Dichloropropane	54		"	50.0		107	81-122		0.712	30	
1,3,5-Trimethylbenzene	44		"	50.0		88.2	82-126		1.73	30	
1,3-Dichlorobenzene	46		"	50.0		91.6	84-124		1.61	30	
1,4-Dichlorobenzene	49		"	50.0		97.3	84-124		0.433	30	
1,4-Dioxane	1200		"	1000		115	10-228		1.86	30	
Cyclohexane	50		"	50.0		101	70-130		4.75	30	
2-Butanone	49		"	50.0		98.3	58-147		6.84	30	
2-Hexanone	57		"	50.0		113	70-139		8.90	30	
4-Methyl-2-pentanone	57		"	50.0		113	72-132		3.36	30	
Acetone	30		"	50.0		61.0	36-155		10.2	30	
Acrolein	29		"	50.0		58.1	10-238		14.8	30	
Acrylonitrile	53		"	50.0		106	66-141		5.35	30	
Benzene	50		"	50.0		101	77-127		1.06	30	
Bromodichloromethane	57		"	50.0		114	81-124		2.14	30	
Bromoform	57		"	50.0		113	80-136		3.92	30	
Bromomethane	33		"	50.0		66.5	32-177		0.838	30	
Carbon disulfide	36		"	50.0		71.1	10-136		2.25	30	
Carbon tetrachloride	54		"	50.0		109	66-143		0.904	30	
Chlorobenzene	52		"	50.0		104	86-120		3.97	30	
Chloroethane	36		"	50.0		72.0	51-142		2.79	30	
Chloroform	53		"	50.0		106	76-131		1.57	30	
Chloromethane	39		"	50.0		78.1	49-132		19.9	30	
cis-1,2-Dichloroethylene	49		"	50.0		97.2	74-132		0.881	30	
cis-1,3-Dichloropropylene	52		"	50.0		104	81-129		4.36	30	
Dibromochloromethane	56		"	50.0		113	10-200		0.408	30	
Dibromomethane	56		"	50.0		113	83-124		0.690	30	
Dichlorodifluoromethane	48		"	50.0		95.3	28-158		16.3	30	
Ethyl Benzene	51		"	50.0		102	84-125		1.33	30	
Methylcyclohexane	49		"	50.0		97.8	70-130		0.801	30	
Hexachlorobutadiene	54		"	50.0		108	83-133		5.49	30	
Isopropylbenzene	52		"	50.0		103	81-127		2.12	30	
Methyl acetate	39		"	50.0		78.2	41-143		7.89	30	
Methyl tert-butyl ether (MTBE)	49		"	50.0		97.6	74-131		0.470	30	
Methylene chloride	47		"	50.0		94.2	57-141		2.80	30	
n-Butylbenzene	51		"	50.0		102	80-130		1.23	30	
1,2,3-Trichlorobenzene	48		"	50.0		96.0	81-140		7.50	30	
n-Propylbenzene	49		"	50.0		98.7	74-136		4.15	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK41269 - EPA 5035A

LCS Dup (BK41269-BSD1)

Prepared & Analyzed: 11/26/2014

o-Xylene	54		ug/L	50.0		107	83-123		0.543	30	
p- & m- Xylenes	110		"	100		105	82-128		0.381	30	
p-Isopropyltoluene	47		"	50.0		94.4	85-125		0.255	30	
sec-Butylbenzene	49		"	50.0		97.7	83-125		1.96	30	
Styrene	53		"	50.0		106	86-126		0.604	30	
tert-Butyl alcohol (TBA)	53		"	50.0		106	70-130		1.46	30	
tert-Butylbenzene	50		"	50.0		99.7	80-127		1.08	30	
Tetrachloroethylene	51		"	50.0		101	80-129		0.814	30	
Toluene	52		"	50.0		104	85-121		1.68	30	
trans-1,2-Dichloroethylene	48		"	50.0		96.0	72-132		1.70	30	
trans-1,3-Dichloropropylene	52		"	50.0		103	78-132		4.20	30	
Trichloroethylene	51		"	50.0		102	84-123		2.44	30	
Trichlorofluoromethane	46		"	50.0		91.0	62-140		1.83	30	
Vinyl Chloride	35		"	50.0		69.8	52-130		5.38	30	
Surrogate: 1,2-Dichloroethane-d4	54.2		"	50.0		108	77-125				
Surrogate: p-Bromofluorobenzene	43.9		"	50.0		87.7	76-130				
Surrogate: Toluene-d8	51.4		"	50.0		103	85-120				

Duplicate (BK41269-DUP1)

*Source sample: 14K0840-02 (C1 Grab (0-3))

Prepared: 11/26/2014 Analyzed: 11/27/2014

1,1,1,2-Tetrachloroethane	ND	12	ug/kg dry		ND					200	
1,1,1-Trichloroethane	ND	12	"		ND					200	
1,1,2,2-Tetrachloroethane	ND	12	"		ND					200	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	12	"		ND					200	
1,1,2-Trichloroethane	ND	12	"		ND					200	
1,1-Dichloroethane	ND	12	"		ND					200	
1,1-Dichloroethylene	ND	12	"		ND					200	
Bromochloromethane	ND	12	"		ND					200	
1,2,4-Trichlorobenzene	ND	12	"		ND					200	
1,2,4-Trimethylbenzene	43	12	"		34				21.4	200	
1,2-Dibromo-3-chloropropane	ND	12	"		ND					200	
1,2-Dibromoethane	ND	12	"		ND					200	
1,2-Dichlorobenzene	ND	12	"		ND					200	
1,2-Dichloroethane	ND	12	"		ND					200	
1,2-Dichloropropane	ND	12	"		ND					200	
1,3,5-Trimethylbenzene	20	12	"		18				9.80	200	
1,3-Dichlorobenzene	ND	12	"		ND					200	
1,4-Dichlorobenzene	ND	12	"		ND					200	
1,4-Dioxane	ND	230	"		ND					200	
Cyclohexane	ND	12	"		ND					200	
2-Butanone	150	12	"		160				7.77	200	
2-Hexanone	ND	12	"		ND					200	
4-Methyl-2-pentanone	ND	12	"		ND					200	
Acetone	390	23	"		390				0.614	200	
Acrolein	ND	23	"		ND					200	
Acrylonitrile	ND	12	"		ND					200	
Benzene	ND	12	"		ND					200	
Bromodichloromethane	ND	12	"		ND					200	
Bromoform	ND	12	"		ND					200	
Bromomethane	ND	12	"		ND					200	
Carbon disulfide	ND	12	"		5.8					200	
Carbon tetrachloride	ND	12	"		ND					200	
Chlorobenzene	ND	12	"		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 BK41269 - EPA 5035A

Duplicate (BK41269-DUP1)	*Source sample: 14K0840-02 (C1 Grab (0-3))					Prepared: 11/26/2014 Analyzed: 11/27/2014					
Chloroethane	ND	12	ug/kg dry		ND					200	
Chloroform	ND	12	"		ND					200	
Chloromethane	ND	12	"		ND					200	
cis-1,2-Dichloroethylene	ND	12	"		ND					200	
cis-1,3-Dichloropropylene	ND	12	"		ND					200	
Dibromochloromethane	ND	12	"		ND					200	
Dibromomethane	ND	12	"		ND					200	
Dichlorodifluoromethane	ND	12	"		ND					200	
Ethyl Benzene	ND	12	"		ND					200	
Methylcyclohexane	22	12	"		8.1				91.2	200	
Hexachlorobutadiene	ND	12	"		ND					200	
Isopropylbenzene	ND	12	"		ND					200	
Methyl acetate	ND	12	"		ND					200	
Methyl tert-butyl ether (MTBE)	ND	12	"		ND					200	
Methylene chloride	ND	23	"		ND					200	
n-Butylbenzene	ND	12	"		ND					200	
1,2,3-Trichlorobenzene	ND	12	"		ND					200	
n-Propylbenzene	ND	12	"		ND					200	
o-Xylene	8.3	12	"		10				19.1	200	
p- & m- Xylenes	32	23	"		26				22.2	200	
p-Isopropyltoluene	ND	12	"		ND					200	
sec-Butylbenzene	ND	12	"		ND					200	
Styrene	ND	12	"		ND					200	
tert-Butyl alcohol (TBA)	ND	12	"		ND					200	
tert-Butylbenzene	ND	12	"		ND					200	
Tetrachloroethylene	ND	12	"		ND					200	
Toluene	ND	12	"		ND					200	
trans-1,2-Dichloroethylene	ND	12	"		ND					200	
trans-1,3-Dichloropropylene	ND	12	"		ND					200	
Trichloroethylene	ND	12	"		ND					200	
Trichlorofluoromethane	ND	12	"		ND					200	
Vinyl Chloride	ND	12	"		ND					200	
Xylenes, Total	40	35	"		36				12.3	200	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>53.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>107</i>	<i>77-125</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>48.6</i>		<i>"</i>	<i>50.0</i>		<i>97.1</i>	<i>76-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>52.2</i>		<i>"</i>	<i>50.0</i>		<i>104</i>	<i>85-120</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41269 - EPA 5035A											
Matrix Spike (BK41269-MS1)	*Source sample: 14K0840-02 (C1 Grab (0-3))						Prepared: 11/26/2014 Analyzed: 11/27/2014				
1,1,1,2-Tetrachloroethane	36		ug/L	50.0	ND	72.4	15-161				
1,1,1-Trichloroethane	44		"	50.0	ND	89.0	42-145				
1,1,2,2-Tetrachloroethane	36		"	50.0	ND	71.5	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	24		"	50.0	ND	47.8	11-160				
1,1,2-Trichloroethane	32		"	50.0	ND	64.4	44-145				
1,1-Dichloroethane	43		"	50.0	ND	85.0	46-142				
1,1-Dichloroethylene	31		"	50.0	ND	61.3	30-153				
Bromochloromethane	36		"	50.0	ND	71.4	38-145				
1,2,4-Trichlorobenzene	15		"	50.0	ND	30.4	10-151				
1,2,4-Trimethylbenzene	48		"	50.0	15	66.2	10-170				
1,2-Dibromo-3-chloropropane	31		"	50.0	ND	61.5	36-138				
1,2-Dibromoethane	28		"	50.0	ND	56.0	40-142				
1,2-Dichlorobenzene	19		"	50.0	ND	37.9	10-147				
1,2-Dichloroethane	42		"	50.0	ND	83.6	48-133				
1,2-Dichloropropane	37		"	50.0	ND	74.4	47-141				
1,3,5-Trimethylbenzene	34		"	50.0	8.0	52.7	10-150				
1,3-Dichlorobenzene	17		"	50.0	ND	34.3	10-144				
1,4-Dichlorobenzene	18		"	50.0	ND	36.7	10-160				
1,4-Dioxane	760		"	1000	ND	75.7	10-191				
Cyclohexane	31		"	50.0	ND	63.0	70-130	Low Bias			
2-Butanone	130		"	50.0	72	108	10-189				
2-Hexanone	42		"	50.0	ND	83.5	10-181				
4-Methyl-2-pentanone	43		"	50.0	ND	86.2	10-166				
Acetone	240		"	50.0	170	136	10-196				
Acrolein	12		"	50.0	ND	24.5	10-192				
Acrylonitrile	38		"	50.0	ND	75.8	13-161				
Benzene	40		"	50.0	ND	80.0	43-139				
Bromodichloromethane	35		"	50.0	ND	69.8	38-147				
Bromoform	35		"	50.0	ND	70.1	29-156				
Bromomethane	17		"	50.0	ND	34.3	10-166				
Carbon disulfide	20		"	50.0	2.5	34.3	10-131				
Carbon tetrachloride	38		"	50.0	ND	76.7	35-145				
Chlorobenzene	28		"	50.0	ND	56.5	21-154				
Chloroethane	29		"	50.0	ND	58.1	15-160				
Chloroform	43		"	50.0	ND	86.7	47-142				
Chloromethane	38		"	50.0	ND	75.4	10-159				
cis-1,2-Dichloroethylene	33		"	50.0	ND	66.0	42-144				
cis-1,3-Dichloropropylene	13		"	50.0	ND	26.3	18-159				
Dibromochloromethane	29		"	50.0	ND	57.6	10-179				
Dibromomethane	31		"	50.0	ND	61.1	47-143				
Dichlorodifluoromethane	42		"	50.0	ND	85.0	10-145				
Ethyl Benzene	33		"	50.0	ND	65.8	11-158				
Methylcyclohexane	22		"	50.0	3.5	36.5	70-130	Low Bias			
Hexachlorobutadiene	9.5		"	50.0	ND	18.9	10-158				
Isopropylbenzene	32		"	50.0	ND	63.3	10-162				
Methyl acetate	34		"	50.0	ND	68.7	10-149				
Methyl tert-butyl ether (MTBE)	47		"	50.0	ND	93.2	42-152				
Methylene chloride	37		"	50.0	ND	74.4	28-151				
n-Butylbenzene	20		"	50.0	ND	39.5	10-162				
1,2,3-Trichlorobenzene	16		"	50.0	ND	32.1	10-157				
n-Propylbenzene	25		"	50.0	ND	50.9	10-155				



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 BK41269 - EPA 5035A

Matrix Spike (BK41269-MS1)		*Source sample: 14K0840-02 (C1 Grab (0-3))					Prepared: 11/26/2014 Analyzed: 11/27/2014				
o-Xylene	36		ug/L	50.0	4.4	62.9	10-158				
p- & m- Xylenes	76		"	100	11	65.3	10-156				
p-Isopropyltoluene	20		"	50.0	ND	40.6	10-147				
sec-Butylbenzene	22		"	50.0	ND	43.7	10-157				
Styrene	23		"	50.0	ND	46.6	13-171				
tert-Butyl alcohol (TBA)	46		"	50.0	ND	91.4	34-179				
tert-Butylbenzene	25		"	50.0	ND	51.0	10-160				
Tetrachloroethylene	27		"	50.0	ND	54.2	30-167				
Toluene	30		"	50.0	ND	59.5	21-160				
trans-1,2-Dichloroethylene	31		"	50.0	ND	61.2	29-153				
trans-1,3-Dichloropropylene	14		"	50.0	ND	29.0	18-155				
Trichloroethylene	28		"	50.0	ND	56.9	24-169				
Trichlorofluoromethane	36		"	50.0	ND	72.5	35-142				
Vinyl Chloride	31		"	50.0	ND	62.5	12-160				
<i>Surrogate: 1,2-Dichloroethane-d4</i>		59.5	"	50.0		119	77-125				
<i>Surrogate: p-Bromofluorobenzene</i>		49.2	"	50.0		98.4	70-130				
<i>Surrogate: Toluene-d8</i>		43.2	"	50.0		86.4	85-120				

Batch BL40055 - EPA 5035A

Blank (BL40055-BLK1)		Prepared: 12/01/2014 Analyzed: 12/02/2014									
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
Tentatively Identified Compounds	0.0		"								
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	"								
Bromochloromethane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
Cyclohexane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								



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 BL40055 - EPA 5035A

Blank (BL40055-BLK1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Carbon disulfide	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	"								
Methylcyclohexane	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	44.6		ug/L	50.0		89.3	77-125				
Surrogate: p-Bromofluorobenzene	46.1		"	50.0		92.3	76-130				
Surrogate: Toluene-d8	51.2		"	50.0		102	85-120				



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 BL40055 - EPA 5035A											
LCS (BL40055-BS1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		104	75-129				
1,1,1-Trichloroethane	50		"	50.0		101	71-137				
1,1,2,2-Tetrachloroethane	52		"	50.0		104	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40		"	50.0		80.1	58-146				
1,1,2-Trichloroethane	54		"	50.0		107	83-123				
1,1-Dichloroethane	50		"	50.0		99.4	75-130				
1,1-Dichloroethylene	41		"	50.0		82.4	64-137				
Bromochloromethane	53		"	50.0		106	74-129				
1,2,4-Trichlorobenzene	45		"	50.0		89.3	80-141				
1,2,4-Trimethylbenzene	47		"	50.0		93.6	84-125				
1,2-Dibromo-3-chloropropane	58		"	50.0		115	74-142				
1,2-Dibromoethane	54		"	50.0		108	86-123				
1,2-Dichlorobenzene	51		"	50.0		102	85-122				
1,2-Dichloroethane	52		"	50.0		104	71-133				
1,2-Dichloropropane	52		"	50.0		104	81-122				
1,3,5-Trimethylbenzene	44		"	50.0		88.5	82-126				
1,3-Dichlorobenzene	47		"	50.0		93.3	84-124				
1,4-Dichlorobenzene	47		"	50.0		94.4	84-124				
1,4-Dioxane	1100		"	1000		109	10-228				
Cyclohexane	49		"	50.0		98.1	70-130				
2-Butanone	46		"	50.0		92.9	58-147				
2-Hexanone	51		"	50.0		102	70-139				
4-Methyl-2-pentanone	54		"	50.0		108	72-132				
Acetone	32		"	50.0		64.7	36-155				
Acrolein	29		"	50.0		58.6	10-238				
Acrylonitrile	49		"	50.0		98.1	66-141				
Benzene	52		"	50.0		104	77-127				
Bromodichloromethane	54		"	50.0		109	81-124				
Bromoform	53		"	50.0		105	80-136				
Bromomethane	36		"	50.0		72.4	32-177				
Carbon disulfide	36		"	50.0		71.6	10-136				
Carbon tetrachloride	51		"	50.0		103	66-143				
Chlorobenzene	52		"	50.0		104	86-120				
Chloroethane	37		"	50.0		74.3	51-142				
Chloroform	52		"	50.0		104	76-131				
Chloromethane	47		"	50.0		94.5	49-132				
cis-1,2-Dichloroethylene	53		"	50.0		106	74-132				
cis-1,3-Dichloropropylene	51		"	50.0		102	81-129				
Dibromochloromethane	56		"	50.0		111	10-200				
Dibromomethane	54		"	50.0		107	83-124				
Dichlorodifluoromethane	44		"	50.0		88.2	28-158				
Ethyl Benzene	52		"	50.0		104	84-125				
Methylcyclohexane	50		"	50.0		99.4	70-130				
Hexachlorobutadiene	55		"	50.0		110	83-133				
Isopropylbenzene	52		"	50.0		103	81-127				
Methyl acetate	40		"	50.0		80.9	41-143				
Methyl tert-butyl ether (MTBE)	47		"	50.0		94.9	74-131				
Methylene chloride	44		"	50.0		88.1	57-141				
n-Butylbenzene	51		"	50.0		102	80-130				
1,2,3-Trichlorobenzene	46		"	50.0		92.9	81-140				
n-Propylbenzene	50		"	50.0		99.3	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 BL40055 - EPA 5035A											
LCS (BL40055-BS1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
o-Xylene	53		ug/L	50.0		107	83-123				
p- & m- Xylenes	110		"	100		106	82-128				
p-Isopropyltoluene	47		"	50.0		94.7	85-125				
sec-Butylbenzene	49		"	50.0		98.1	83-125				
Styrene	53		"	50.0		107	86-126				
tert-Butyl alcohol (TBA)	55		"	50.0		110	70-130				
tert-Butylbenzene	51		"	50.0		102	80-127				
Tetrachloroethylene	50		"	50.0		99.9	80-129				
Toluene	53		"	50.0		106	85-121				
trans-1,2-Dichloroethylene	45		"	50.0		90.9	72-132				
trans-1,3-Dichloropropylene	49		"	50.0		97.7	78-132				
Trichloroethylene	52		"	50.0		104	84-123				
Trichlorofluoromethane	43		"	50.0		85.2	62-140				
Vinyl Chloride	39		"	50.0		78.0	52-130				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>51.9</i>		<i>"</i>	<i>50.0</i>		<i>104</i>	<i>77-125</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>44.0</i>		<i>"</i>	<i>50.0</i>		<i>87.9</i>	<i>76-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>50.8</i>		<i>"</i>	<i>50.0</i>		<i>102</i>	<i>85-120</i>				
LCS Dup (BL40055-BSD1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		101	75-129		3.14	30	
1,1,1-Trichloroethane	52		"	50.0		103	71-137		2.65	30	
1,1,2,2-Tetrachloroethane	52		"	50.0		105	79-129		0.919	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	39		"	50.0		78.9	58-146		1.43	30	
1,1,2-Trichloroethane	55		"	50.0		109	83-123		1.88	30	
1,1-Dichloroethane	50		"	50.0		99.3	75-130		0.101	30	
1,1-Dichloroethylene	42		"	50.0		83.2	64-137		1.06	30	
Bromochloromethane	54		"	50.0		108	74-129		1.64	30	
1,2,4-Trichlorobenzene	44		"	50.0		87.7	80-141		1.83	30	
1,2,4-Trimethylbenzene	46		"	50.0		91.9	84-125		1.79	30	
1,2-Dibromo-3-chloropropane	55		"	50.0		111	74-142		4.23	30	
1,2-Dibromoethane	54		"	50.0		108	86-123		0.482	30	
1,2-Dichlorobenzene	51		"	50.0		102	85-122		0.668	30	
1,2-Dichloroethane	52		"	50.0		104	71-133		0.595	30	
1,2-Dichloropropane	53		"	50.0		105	81-122		0.953	30	
1,3,5-Trimethylbenzene	43		"	50.0		86.5	82-126		2.24	30	
1,3-Dichlorobenzene	45		"	50.0		90.1	84-124		3.51	30	
1,4-Dichlorobenzene	48		"	50.0		96.0	84-124		1.64	30	
1,4-Dioxane	1300		"	1000		129	10-228		17.1	30	
Cyclohexane	50		"	50.0		99.8	70-130		1.74	30	
2-Butanone	47		"	50.0		93.0	58-147		0.151	30	
2-Hexanone	53		"	50.0		106	70-139		3.84	30	
4-Methyl-2-pentanone	55		"	50.0		110	72-132		2.20	30	
Acetone	32		"	50.0		64.1	36-155		0.931	30	
Acrolein	22		"	50.0		44.9	10-238		26.5	30	
Acrylonitrile	60		"	50.0		120	66-141		20.0	30	
Benzene	51		"	50.0		103	77-127		0.970	30	
Bromodichloromethane	52		"	50.0		105	81-124		3.79	30	
Bromoform	53		"	50.0		106	80-136		0.513	30	
Bromomethane	35		"	50.0		70.7	32-177		2.46	30	
Carbon disulfide	37		"	50.0		74.2	10-136		3.62	30	
Carbon tetrachloride	50		"	50.0		101	66-143		2.08	30	
Chlorobenzene	51		"	50.0		103	86-120		1.20	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 BL40055 - EPA 5035A

LCS Dup (BL40055-BSD1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Chloroethane	37		ug/L	50.0		73.9	51-142		0.621	30	
Chloroform	52		"	50.0		104	76-131		0.443	30	
Chloromethane	41		"	50.0		83.0	49-132		13.0	30	
cis-1,2-Dichloroethylene	51		"	50.0		102	74-132		3.35	30	
cis-1,3-Dichloropropylene	50		"	50.0		99.3	81-129		3.19	30	
Dibromochloromethane	56		"	50.0		112	10-200		0.609	30	
Dibromomethane	53		"	50.0		106	83-124		0.804	30	
Dichlorodifluoromethane	40		"	50.0		80.4	28-158		9.25	30	
Ethyl Benzene	52		"	50.0		104	84-125		0.269	30	
Methylcyclohexane	50		"	50.0		99.9	70-130		0.542	30	
Hexachlorobutadiene	54		"	50.0		108	83-133		2.44	30	
Isopropylbenzene	50		"	50.0		100	81-127		2.58	30	
Methyl acetate	41		"	50.0		81.6	41-143		0.886	30	
Methyl tert-butyl ether (MTBE)	49		"	50.0		97.7	74-131		2.91	30	
Methylene chloride	43		"	50.0		86.9	57-141		1.28	30	
n-Butylbenzene	48		"	50.0		97.0	80-130		5.12	30	
1,2,3-Trichlorobenzene	46		"	50.0		92.2	81-140		0.692	30	
n-Propylbenzene	49		"	50.0		97.5	74-136		1.75	30	
o-Xylene	52		"	50.0		105	83-123		1.87	30	
p- & m- Xylenes	110		"	100		105	82-128		0.682	30	
p-Isopropyltoluene	46		"	50.0		92.6	85-125		2.26	30	
sec-Butylbenzene	48		"	50.0		95.8	83-125		2.37	30	
Styrene	53		"	50.0		106	86-126		0.640	30	
tert-Butyl alcohol (TBA)	58		"	50.0		116	70-130		5.72	30	
tert-Butylbenzene	49		"	50.0		98.7	80-127		2.78	30	
Tetrachloroethylene	48		"	50.0		96.6	80-129		3.34	30	
Toluene	52		"	50.0		104	85-121		1.60	30	
trans-1,2-Dichloroethylene	48		"	50.0		95.4	72-132		4.87	30	
trans-1,3-Dichloropropylene	50		"	50.0		99.6	78-132		1.84	30	
Trichloroethylene	50		"	50.0		100	84-123		3.45	30	
Trichlorofluoromethane	42		"	50.0		84.5	62-140		0.919	30	
Vinyl Chloride	37		"	50.0		73.2	52-130		6.40	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>51.9</i>		<i>"</i>	<i>50.0</i>		<i>104</i>	<i>77-125</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>43.1</i>		<i>"</i>	<i>50.0</i>		<i>86.3</i>	<i>76-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>50.5</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>85-120</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL40112 - EPA 5035A											
Blank (BL40112-BLK1)										Prepared & Analyzed: 12/02/2014	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
Tentatively Identified Compounds	0.0		"								
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	"								
Bromochloromethane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
Cyclohexane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
1,2,3-Trichlorobenzene	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 BL40112 - EPA 5035A

Blank (BL40112-BLK1)

Prepared & Analyzed: 12/02/2014

n-Propylbenzene	ND	5.0	ug/kg wet
o-Xylene	ND	5.0	"
p- & m- Xylenes	ND	10	"
p-Isopropyltoluene	ND	5.0	"
sec-Butylbenzene	ND	5.0	"
Styrene	ND	5.0	"
tert-Butyl alcohol (TBA)	ND	5.0	"
tert-Butylbenzene	ND	5.0	"
Tetrachloroethylene	ND	5.0	"
Toluene	ND	5.0	"
trans-1,2-Dichloroethylene	ND	5.0	"
trans-1,3-Dichloropropylene	ND	5.0	"
Trichloroethylene	ND	5.0	"
Trichlorofluoromethane	ND	5.0	"
Vinyl Chloride	ND	5.0	"
Xylenes, Total	ND	15	"

Surrogate: 1,2-Dichloroethane-d4	47.7	ug/L	50.0	95.4	77-125
Surrogate: p-Bromofluorobenzene	50.9	"	50.0	102	76-130
Surrogate: Toluene-d8	52.9	"	50.0	106	85-120

LCS (BL40112-BS1)

Prepared & Analyzed: 12/02/2014

1,1,1,2-Tetrachloroethane	56	ug/L	50.0	113	75-129
1,1,1-Trichloroethane	54	"	50.0	109	71-137
1,1,2,2-Tetrachloroethane	54	"	50.0	107	79-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54	"	50.0	107	58-146
1,1,2-Trichloroethane	58	"	50.0	116	83-123
1,1-Dichloroethane	55	"	50.0	110	75-130
1,1-Dichloroethylene	52	"	50.0	104	64-137
Bromochloromethane	66	"	50.0	132	74-129
1,2,4-Trichlorobenzene	57	"	50.0	113	80-141
1,2,4-Trimethylbenzene	55	"	50.0	110	84-125
1,2-Dibromo-3-chloropropane	59	"	50.0	119	74-142
1,2-Dibromoethane	56	"	50.0	112	86-123
1,2-Dichlorobenzene	53	"	50.0	107	85-122
1,2-Dichloroethane	60	"	50.0	119	71-133
1,2-Dichloropropane	53	"	50.0	107	81-122
1,3,5-Trimethylbenzene	53	"	50.0	105	82-126
1,3-Dichlorobenzene	54	"	50.0	107	84-124
1,4-Dichlorobenzene	55	"	50.0	110	84-124
1,4-Dioxane	1200	"	1000	115	10-228
Cyclohexane	52	"	50.0	103	70-130
2-Butanone	110	"	50.0	213	58-147
2-Hexanone	73	"	50.0	146	70-139
4-Methyl-2-pentanone	58	"	50.0	116	72-132
Acetone	91	"	50.0	182	36-155
Acrolein	140	"	50.0	274	10-238
Acrylonitrile	62	"	50.0	123	66-141
Benzene	55	"	50.0	111	77-127
Bromodichloromethane	57	"	50.0	114	81-124
Bromoform	57	"	50.0	115	80-136
Bromomethane	52	"	50.0	104	32-177
Carbon disulfide	52	"	50.0	104	10-136



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 BL40112 - EPA 5035A

LCS (BL40112-BS1)

Prepared & Analyzed: 12/02/2014

Carbon tetrachloride	54		ug/L	50.0		109	66-143				
Chlorobenzene	57		"	50.0		115	86-120				
Chloroethane	53		"	50.0		105	51-142				
Chloroform	57		"	50.0		114	76-131				
Chloromethane	48		"	50.0		95.7	49-132				
cis-1,2-Dichloroethylene	50		"	50.0		99.3	74-132				
cis-1,3-Dichloropropylene	59		"	50.0		119	81-129				
Dibromochloromethane	58		"	50.0		116	10-200				
Dibromomethane	59		"	50.0		118	83-124				
Dichlorodifluoromethane	40		"	50.0		80.3	28-158				
Ethyl Benzene	56		"	50.0		113	84-125				
Methylcyclohexane	55		"	50.0		111	70-130				
Hexachlorobutadiene	56		"	50.0		112	83-133				
Isopropylbenzene	51		"	50.0		103	81-127				
Methyl acetate	56		"	50.0		113	41-143				
Methyl tert-butyl ether (MTBE)	57		"	50.0		114	74-131				
Methylene chloride	45		"	50.0		90.6	57-141				
n-Butylbenzene	54		"	50.0		109	80-130				
1,2,3-Trichlorobenzene	58		"	50.0		115	81-140				
n-Propylbenzene	53		"	50.0		107	74-136				
o-Xylene	58		"	50.0		117	83-123				
p- & m- Xylenes	120		"	100		117	82-128				
p-Isopropyltoluene	54		"	50.0		107	85-125				
sec-Butylbenzene	53		"	50.0		106	83-125				
Styrene	58		"	50.0		115	86-126				
tert-Butyl alcohol (TBA)	72		"	50.0		144	70-130	High Bias			
tert-Butylbenzene	54		"	50.0		108	80-127				
Tetrachloroethylene	61		"	50.0		122	80-129				
Toluene	56		"	50.0		113	85-121				
trans-1,2-Dichloroethylene	53		"	50.0		106	72-132				
trans-1,3-Dichloropropylene	60		"	50.0		119	78-132				
Trichloroethylene	56		"	50.0		111	84-123				
Trichlorofluoromethane	52		"	50.0		104	62-140				
Vinyl Chloride	49		"	50.0		98.9	52-130				
Surrogate: 1,2-Dichloroethane-d4	52.4		"	50.0		105	77-125				
Surrogate: p-Bromofluorobenzene	49.7		"	50.0		99.3	76-130				
Surrogate: Toluene-d8	51.3		"	50.0		103	85-120				



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 BL40112 - EPA 5035A											
LCS Dup (BL40112-BSD1)						Prepared & Analyzed: 12/02/2014					
1,1,1,2-Tetrachloroethane	56		ug/L	50.0		112	75-129		0.873	30	
1,1,1-Trichloroethane	56		"	50.0		113	71-137		3.97	30	
1,1,2,2-Tetrachloroethane	57		"	50.0		114	79-129		6.56	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		112	58-146		4.24	30	
1,1,2-Trichloroethane	56		"	50.0		112	83-123		3.58	30	
1,1-Dichloroethane	55		"	50.0		109	75-130		0.401	30	
1,1-Dichloroethylene	52		"	50.0		104	64-137		0.0768	30	
Bromochloromethane	69		"	50.0		137	74-129	High Bias	3.57	30	
1,2,4-Trichlorobenzene	53		"	50.0		107	80-141		6.05	30	
1,2,4-Trimethylbenzene	57		"	50.0		113	84-125		2.62	30	
1,2-Dibromo-3-chloropropane	59		"	50.0		118	74-142		0.830	30	
1,2-Dibromoethane	53		"	50.0		106	86-123		5.80	30	
1,2-Dichlorobenzene	56		"	50.0		112	85-122		4.67	30	
1,2-Dichloroethane	61		"	50.0		123	71-133		2.94	30	
1,2-Dichloropropane	54		"	50.0		109	81-122		1.89	30	
1,3,5-Trimethylbenzene	56		"	50.0		112	82-126		6.16	30	
1,3-Dichlorobenzene	54		"	50.0		108	84-124		0.465	30	
1,4-Dichlorobenzene	56		"	50.0		112	84-124		2.24	30	
1,4-Dioxane	1300		"	1000		127	10-228		9.85	30	
Cyclohexane	52		"	50.0		104	70-130		0.656	30	
2-Butanone	63		"	50.0		126	58-147		51.5	30	Non-dir.
2-Hexanone	50		"	50.0		99.4	70-139		38.3	30	Non-dir.
4-Methyl-2-pentanone	53		"	50.0		106	72-132		8.73	30	
Acetone	49		"	50.0		98.8	36-155		59.4	30	Non-dir.
Acrolein	160		"	50.0		316	10-238	High Bias	14.5	30	
Acrylonitrile	62		"	50.0		124	66-141		0.534	30	
Benzene	57		"	50.0		113	77-127		2.37	30	
Bromodichloromethane	57		"	50.0		114	81-124		0.334	30	
Bromoform	60		"	50.0		120	80-136		4.49	30	
Bromomethane	53		"	50.0		105	32-177		1.43	30	
Carbon disulfide	51		"	50.0		103	10-136		1.18	30	
Carbon tetrachloride	56		"	50.0		111	66-143		2.33	30	
Chlorobenzene	56		"	50.0		113	86-120		1.74	30	
Chloroethane	52		"	50.0		105	51-142		0.475	30	
Chloroform	59		"	50.0		117	76-131		2.90	30	
Chloromethane	48		"	50.0		95.3	49-132		0.335	30	
cis-1,2-Dichloroethylene	50		"	50.0		99.9	74-132		0.602	30	
cis-1,3-Dichloropropylene	58		"	50.0		116	81-129		2.26	30	
Dibromochloromethane	56		"	50.0		111	10-200		4.36	30	
Dibromomethane	58		"	50.0		116	83-124		1.08	30	
Dichlorodifluoromethane	42		"	50.0		83.7	28-158		4.05	30	
Ethyl Benzene	56		"	50.0		111	84-125		1.27	30	
Methylcyclohexane	54		"	50.0		108	70-130		2.51	30	
Hexachlorobutadiene	52		"	50.0		105	83-133		7.04	30	
Isopropylbenzene	56		"	50.0		112	81-127		8.77	30	
Methyl acetate	55		"	50.0		110	41-143		2.76	30	
Methyl tert-butyl ether (MTBE)	58		"	50.0		116	74-131		1.86	30	
Methylene chloride	46		"	50.0		92.3	57-141		1.84	30	
n-Butylbenzene	54		"	50.0		109	80-130		0.110	30	
1,2,3-Trichlorobenzene	53		"	50.0		107	81-140		7.52	30	
n-Propylbenzene	56		"	50.0		112	74-136		4.61	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 BL40112 - EPA 5035A

LCS Dup (BL40112-BSD1)

Prepared & Analyzed: 12/02/2014

o-Xylene	55		ug/L	50.0		110	83-123		5.91	30	
p- & m- Xylenes	110		"	100		112	82-128		4.47	30	
p-Isopropyltoluene	54		"	50.0		108	85-125		0.354	30	
sec-Butylbenzene	56		"	50.0		112	83-125		5.70	30	
Styrene	55		"	50.0		110	86-126		4.60	30	
tert-Butyl alcohol (TBA)	64		"	50.0		128	70-130		11.4	30	
tert-Butylbenzene	58		"	50.0		117	80-127		8.07	30	
Tetrachloroethylene	50		"	50.0		99.4	80-129		20.5	30	
Toluene	54		"	50.0		108	85-121		4.81	30	
trans-1,2-Dichloroethylene	55		"	50.0		111	72-132		4.42	30	
trans-1,3-Dichloropropylene	59		"	50.0		118	78-132		1.35	30	
Trichloroethylene	55		"	50.0		110	84-123		1.16	30	
Trichlorofluoromethane	53		"	50.0		106	62-140		1.68	30	
Vinyl Chloride	49		"	50.0		97.9	52-130		0.955	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.7</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>77-125</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>51.5</i>		<i>"</i>	<i>50.0</i>		<i>103</i>	<i>76-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>49.6</i>		<i>"</i>	<i>50.0</i>		<i>99.3</i>	<i>85-120</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK41274 - EPA 3550C

Blank (BK41274-BLK1)

Prepared: 11/26/2014 Analyzed: 11/30/2014

Acenaphthene	ND	41.7	ug/kg wet
Acenaphthylene	ND	41.7	"
Acetophenone	ND	41.7	"
Anthracene	ND	41.7	"
Atrazine	ND	41.7	"
Benzaldehyde	ND	41.7	"
Benzidine	ND	167	"
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	"
Benzoic acid	ND	41.7	"
Benzo(k)fluoranthene	ND	41.7	"
Benzyl butyl phthalate	ND	41.7	"
1,1'-Biphenyl	ND	41.7	"
4-Bromophenyl phenyl ether	ND	41.7	"
Caprolactam	ND	83.3	"
Carbazole	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	"
1,2-Dichlorobenzene	ND	41.7	"
1,3-Dichlorobenzene	ND	41.7	"
1,4-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	"
1,2-Diphenylhydrazine (as Azobenzene)	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	"



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 BK41274 - EPA 3550C

Blank (BK41274-BLK1)

Prepared: 11/26/2014 Analyzed: 11/30/2014

Isophorone	ND	41.7	ug/kg wet
2-Methylnaphthalene	ND	41.7	"
2-Methylphenol	ND	41.7	"
3- & 4-Methylphenols	ND	41.7	"
Naphthalene	ND	41.7	"
4-Nitroaniline	ND	83.3	"
2-Nitroaniline	ND	83.3	"
3-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	"
1,2,4-Trichlorobenzene	ND	41.7	"
2,4,6-Trichlorophenol	ND	41.7	"
2,4,5-Trichlorophenol	ND	41.7	"

Surrogate: 2-Fluorophenol	2020	"	2500	81.0	10-99
Surrogate: Phenol-d5	2110	"	2510	84.0	10-108
Surrogate: Nitrobenzene-d5	1280	"	1670	76.7	10-119
Surrogate: 2-Fluorobiphenyl	1190	"	1670	71.3	10-114
Surrogate: 2,4,6-Tribromophenol	2410	"	2510	96.1	10-106
Surrogate: Terphenyl-d14	1390	"	1670	83.1	10-123



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 BK41274 - EPA 3550C											
LCS (BK41274-BS1)						Prepared: 11/26/2014 Analyzed: 11/30/2014					
Acenaphthene	718	41.7	ug/kg wet	1670		43.1	17-124				
Acenaphthylene	701	41.7	"	1670		42.1	16-124				
Acetophenone	549	41.7	"	1670		32.9	28-105				
Anthracene	787	41.7	"	1670		47.2	24-124				
Atrazine	641	41.7	"	1670		38.5	22-120				
Benzaldehyde	570	41.7	"	1670		34.2	21-100				
Benzo(a)anthracene	814	41.7	"	1670		48.9	25-134				
Benzo(a)pyrene	693	41.7	"	1670		41.6	29-144				
Benzo(b)fluoranthene	757	41.7	"	1670		45.4	20-151				
Benzo(g,h,i)perylene	534	41.7	"	1670		32.0	10-153				
Benzoic acid	562	41.7	"	1670		33.7	10-116				
Benzo(k)fluoranthene	577	41.7	"	1670		34.6	10-148				
Benzyl butyl phthalate	676	41.7	"	1670		40.6	10-132				
1,1'-Biphenyl	648	41.7	"	1670		38.9	22-103				
4-Bromophenyl phenyl ether	833	41.7	"	1670		50.0	30-138				
Caprolactam	720	83.3	"	1670		43.2	10-123				
Carbazole	913	41.7	"	1670		54.8	31-120				
4-Chloroaniline	648	41.7	"	1670		38.9	10-117				
Bis(2-chloroethoxy)methane	703	41.7	"	1670		42.2	10-129				
Bis(2-chloroethyl)ether	626	41.7	"	1670		37.6	14-125				
Bis(2-chloroisopropyl)ether	713	41.7	"	1670		42.8	14-122				
2-Chloronaphthalene	771	41.7	"	1670		46.3	22-115				
2-Chlorophenol	701	41.7	"	1670		42.1	25-121				
4-Chlorophenyl phenyl ether	697	41.7	"	1670		41.8	18-132				
Chrysene	696	41.7	"	1670		41.8	24-116				
Dibenzo(a,h)anthracene	596	41.7	"	1670		35.8	17-147				
Dibenzofuran	781	41.7	"	1670		46.9	23-123				
Di-n-butyl phthalate	722	41.7	"	1670		43.3	19-123				
1,2-Dichlorobenzene	716	41.7	"	1670		43.0	26-113				
1,3-Dichlorobenzene	701	41.7	"	1670		42.1	32-113				
1,4-Dichlorobenzene	672	41.7	"	1670		40.3	28-111				
3,3'-Dichlorobenzidine	856	41.7	"	1670		51.4	10-147				
2,4-Dichlorophenol	720	41.7	"	1670		43.2	23-133				
Diethyl phthalate	737	41.7	"	1670		44.2	23-122				
2,4-Dimethylphenol	714	41.7	"	1670		42.8	15-131				
Dimethyl phthalate	734	41.7	"	1670		44.0	28-127				
4,6-Dinitro-2-methylphenol	996	83.3	"	1670		59.8	10-149				
2,4-Dinitrophenol	890	83.3	"	1670		53.4	10-149				
2,4-Dinitrotoluene	897	41.7	"	1670		53.8	30-123				
2,6-Dinitrotoluene	815	41.7	"	1670		48.9	30-125				
Di-n-octyl phthalate	697	41.7	"	1670		41.8	10-132				
1,2-Diphenylhydrazine (as Azobenzene)	754	41.7	"	1670		45.3	10-140				
Bis(2-ethylhexyl)phthalate	666	41.7	"	1670		39.9	10-141				
Fluoranthene	836	41.7	"	1670		50.2	36-125				
Fluorene	697	41.7	"	1670		41.8	16-130				
Hexachlorobenzene	674	41.7	"	1670		40.5	10-129				
Hexachlorobutadiene	620	41.7	"	1670		37.2	22-153				
Hexachlorocyclopentadiene	606	41.7	"	1670		36.4	10-134				
Hexachloroethane	630	41.7	"	1670		37.8	20-112				
Indeno(1,2,3-cd)pyrene	568	41.7	"	1670		34.1	10-155				
Isophorone	633	41.7	"	1670		38.0	14-131				



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 BK41274 - EPA 3550C											
LCS (BK41274-BS1)						Prepared: 11/26/2014 Analyzed: 11/30/2014					
2-Methylnaphthalene	634	41.7	ug/kg wet	1670		38.0	16-127				
2-Methylphenol	580	41.7	"	1670		34.8	10-146				
3- & 4-Methylphenols	613	41.7	"	1670		36.8	20-109				
Naphthalene	616	41.7	"	1670		36.9	20-121				
4-Nitroaniline	888	83.3	"	1670		53.3	14-125				
2-Nitroaniline	810	83.3	"	1670		48.6	24-126				
3-Nitroaniline	789	83.3	"	1670		47.3	23-123				
Nitrobenzene	615	41.7	"	1670		36.9	20-121				
2-Nitrophenol	678	41.7	"	1670		40.7	17-129				
4-Nitrophenol	796	83.3	"	1670		47.8	10-136				
N-nitroso-di-n-propylamine	736	41.7	"	1670		44.2	21-119				
N-Nitrosodimethylamine	683	41.7	"	1670		41.0	10-124				
N-Nitrosodiphenylamine	945	41.7	"	1670		56.7	10-163				
Pentachlorophenol	870	41.7	"	1670		52.2	10-143				
Phenanthrene	842	41.7	"	1670		50.5	24-123				
Phenol	602	41.7	"	1670		36.1	15-123				
Pyrene	701	41.7	"	1670		42.1	24-132				
1,2,4-Trichlorobenzene	606	41.7	"	1670		36.3	23-130				
2,4,6-Trichlorophenol	786	41.7	"	1670		47.2	27-122				
2,4,5-Trichlorophenol	787	41.7	"	1670		47.2	14-138				
Surrogate: 2-Fluorophenol	1830		"	2500		73.2	10-99				
Surrogate: Phenol-d5	1690		"	2510		67.4	10-108				
Surrogate: Nitrobenzene-d5	1180		"	1670		70.5	10-119				
Surrogate: 2-Fluorobiphenyl	1090		"	1670		65.4	10-114				
Surrogate: 2,4,6-Tribromophenol	2150		"	2510		85.9	30-130				
Surrogate: Terphenyl-d14	1180		"	1670		70.7	10-123				
LCS Dup (BK41274-BS1)						Prepared: 11/26/2014 Analyzed: 11/30/2014					
Acenaphthene	868	41.7	ug/kg wet	1670		52.1	17-124		18.9	30	
Acenaphthylene	927	41.7	"	1670		55.6	16-124		27.7	30	
Acetophenone	ND	41.7	"	1670			28-105	Low Bias		30	
Anthracene	993	41.7	"	1670		59.6	24-124		23.1	30	
Atrazine	1060	41.7	"	1670		63.7	22-120		49.4	30	Non-dir.
Benzaldehyde	1300	41.7	"	1670		78.3	21-100		78.4	30	Non-dir.
Benzo(a)anthracene	1040	41.7	"	1670		62.2	25-134		24.0	30	
Benzo(a)pyrene	811	41.7	"	1670		48.6	29-144		15.7	30	
Benzo(b)fluoranthene	1030	41.7	"	1670		61.9	20-151		30.8	30	Non-dir.
Benzo(g,h,i)perylene	644	41.7	"	1670		38.6	10-153		18.7	30	
Benzoic acid	1200	41.7	"	1670		71.8	10-116		72.1	30	Non-dir.
Benzo(k)fluoranthene	661	41.7	"	1670		39.7	10-148		13.6	30	
Benzyl butyl phthalate	983	41.7	"	1670		59.0	10-132		37.0	30	Non-dir.
1,1'-Biphenyl	ND	41.7	"	1670			22-103	Low Bias		30	
4-Bromophenyl phenyl ether	947	41.7	"	1670		56.8	30-138		12.8	30	
Caprolactam	1140	83.3	"	1670		68.5	10-123		45.3	30	Non-dir.
Carbazole	1110	41.7	"	1670		66.7	31-120		19.6	30	
4-Chloroaniline	746	41.7	"	1670		44.7	10-117		14.0	30	
Bis(2-chloroethoxy)methane	990	41.7	"	1670		59.4	10-129		33.8	30	Non-dir.
Bis(2-chloroethyl)ether	844	41.7	"	1670		50.6	14-125		29.6	30	
Bis(2-chloroisopropyl)ether	1070	41.7	"	1670		63.9	14-122		39.6	30	Non-dir.
2-Chloronaphthalene	922	41.7	"	1670		55.3	22-115		17.8	30	
2-Chlorophenol	1020	41.7	"	1670		61.3	25-121		37.1	30	Non-dir.



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 BK41274 - EPA 3550C											
LCS Dup (BK41274-BSD1)						Prepared: 11/26/2014 Analyzed: 11/30/2014					
4-Chlorophenyl phenyl ether	897	41.7	ug/kg wet	1670		53.8	18-132		25.2	30	
Chrysene	941	41.7	"	1670		56.5	24-116		29.9	30	
Dibenzo(a,h)anthracene	698	41.7	"	1670		41.9	17-147		15.7	30	
Dibenzofuran	1020	41.7	"	1670		61.1	23-123		26.3	30	
Di-n-butyl phthalate	861	41.7	"	1670		51.6	19-123		17.5	30	
1,2-Dichlorobenzene	967	41.7	"	1670		58.0	26-113		29.8	30	
1,3-Dichlorobenzene	977	41.7	"	1670		58.6	32-113		32.8	30	Non-dir.
1,4-Dichlorobenzene	912	41.7	"	1670		54.7	28-111		30.3	30	Non-dir.
3,3'-Dichlorobenzidine	1140	41.7	"	1670		68.5	10-147		28.5	30	
2,4-Dichlorophenol	917	41.7	"	1670		55.0	23-133		24.1	30	
Diethyl phthalate	938	41.7	"	1670		56.3	23-122		23.9	30	
2,4-Dimethylphenol	1000	41.7	"	1670		60.0	15-131		33.5	30	Non-dir.
Dimethyl phthalate	970	41.7	"	1670		58.2	28-127		27.7	30	
4,6-Dinitro-2-methylphenol	1170	83.3	"	1670		70.0	10-149		15.7	30	
2,4-Dinitrophenol	1360	83.3	"	1670		81.9	10-149		42.1	30	Non-dir.
2,4-Dinitrotoluene	1240	41.7	"	1670		74.4	30-123		32.1	30	Non-dir.
2,6-Dinitrotoluene	1150	41.7	"	1670		69.2	30-125		34.4	30	Non-dir.
Di-n-octyl phthalate	943	41.7	"	1670		56.6	10-132		30.0	30	
1,2-Diphenylhydrazine (as Azobenzene)	915	41.7	"	1670		54.9	10-140		19.2	30	
Bis(2-ethylhexyl)phthalate	811	41.7	"	1670		48.6	10-141		19.6	30	
Fluoranthene	967	41.7	"	1670		58.0	36-125		14.5	30	
Fluorene	969	41.7	"	1670		58.1	16-130		32.7	30	Non-dir.
Hexachlorobenzene	775	41.7	"	1670		46.5	10-129		13.9	30	
Hexachlorobutadiene	755	41.7	"	1670		45.3	22-153		19.7	30	
Hexachlorocyclopentadiene	1120	41.7	"	1670		67.0	10-134		59.3	30	Non-dir.
Hexachloroethane	919	41.7	"	1670		55.1	20-112		37.2	30	Non-dir.
Indeno(1,2,3-cd)pyrene	688	41.7	"	1670		41.3	10-155		19.1	30	
Isophorone	936	41.7	"	1670		56.2	14-131		38.7	30	Non-dir.
2-Methylnaphthalene	815	41.7	"	1670		48.9	16-127		25.0	30	
2-Methylphenol	784	41.7	"	1670		47.0	10-146		30.0	30	
3- & 4-Methylphenols	839	41.7	"	1670		50.3	20-109		31.1	30	Non-dir.
Naphthalene	880	41.7	"	1670		52.8	20-121		35.3	30	Non-dir.
4-Nitroaniline	1160	83.3	"	1670		69.6	14-125		26.5	30	
2-Nitroaniline	1130	83.3	"	1670		68.1	24-126		33.4	30	Non-dir.
3-Nitroaniline	972	83.3	"	1670		58.3	23-123		20.8	30	
Nitrobenzene	848	41.7	"	1670		50.9	20-121		31.8	30	Non-dir.
2-Nitrophenol	1010	41.7	"	1670		60.4	17-129		39.0	30	Non-dir.
4-Nitrophenol	1050	83.3	"	1670		62.8	10-136		27.1	30	
N-nitroso-di-n-propylamine	1010	41.7	"	1670		60.5	21-119		31.3	30	Non-dir.
N-Nitrosodimethylamine	1030	41.7	"	1670		61.6	10-124		40.2	30	Non-dir.
N-Nitrosodiphenylamine	1390	41.7	"	1670		83.5	10-163		38.3	30	Non-dir.
Pentachlorophenol	1330	41.7	"	1670		80.1	10-143		42.1	30	Non-dir.
Phenanthrene	973	41.7	"	1670		58.4	24-123		14.4	30	
Phenol	897	41.7	"	1670		53.8	15-123		39.4	30	Non-dir.
Pyrene	1080	41.7	"	1670		65.0	24-132		42.9	30	Non-dir.
1,2,4-Trichlorobenzene	834	41.7	"	1670		50.0	23-130		31.7	30	Non-dir.
2,4,6-Trichlorophenol	1160	41.7	"	1670		69.4	27-122		38.1	30	Non-dir.
2,4,5-Trichlorophenol	998	41.7	"	1670		59.9	14-138		23.6	30	
Surrogate: 2-Fluorophenol	2340		"	2500		93.5	10-99				
Surrogate: Phenol-d5	2280		"	2510		91.1	10-108				
Surrogate: Nitrobenzene-d5	1540		"	1670		92.3	10-119				



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 BK41274 - EPA 3550C

LCS Dup (BK41274-BSD1)

Prepared: 11/26/2014 Analyzed: 11/30/2014

Surrogate: 2-Fluorobiphenyl	1360		ug/kg wet	1670		81.5	10-114				
Surrogate: 2,4,6-Tribromophenol	2400		"	2510		95.9	30-130				
Surrogate: Terphenyl-d14	1760		"	1670		106	10-123				

Batch BL40003 - EPA 3550C

Blank (BL40003-BLK1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Acenaphthene	ND	41.7	ug/kg wet
Acenaphthylene	ND	41.7	"
Acetophenone	ND	41.7	"
Anthracene	ND	41.7	"
Atrazine	ND	41.7	"
Benzaldehyde	ND	41.7	"
Benzidine	ND	167	"
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	"
Benzoic acid	ND	41.7	"
Benzo(k)fluoranthene	ND	41.7	"
Benzyl butyl phthalate	ND	41.7	"
1,1'-Biphenyl	ND	41.7	"
4-Bromophenyl phenyl ether	ND	41.7	"
Caprolactam	ND	83.3	"
Carbazole	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	45.7	41.7	"
1,2-Dichlorobenzene	ND	41.7	"
1,3-Dichlorobenzene	ND	41.7	"
1,4-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	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	41.7	"
Bis(2-ethylhexyl)phthalate	ND	41.7	"
Fluoranthene	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 BL40003 - EPA 3550C

Blank (BL40003-BLK1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Fluorene	ND	41.7	ug/kg wet								
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	"								
4-Nitroaniline	ND	83.3	"								
2-Nitroaniline	ND	83.3	"								
3-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	"								
1,2,4-Trichlorobenzene	ND	41.7	"								
2,4,6-Trichlorophenol	ND	41.7	"								
2,4,5-Trichlorophenol	ND	41.7	"								
<i>Surrogate: 2-Fluorophenol</i>	<i>1820</i>		<i>"</i>	<i>2500</i>		<i>72.8</i>	<i>10-99</i>				
<i>Surrogate: Phenol-d5</i>	<i>1970</i>		<i>"</i>	<i>2510</i>		<i>78.5</i>	<i>10-108</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1230</i>		<i>"</i>	<i>1670</i>		<i>73.7</i>	<i>10-119</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1000</i>		<i>"</i>	<i>1670</i>		<i>60.3</i>	<i>10-114</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>2320</i>		<i>"</i>	<i>2510</i>		<i>92.5</i>	<i>10-106</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>1360</i>		<i>"</i>	<i>1670</i>		<i>81.7</i>	<i>10-123</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BL40003 - EPA 3550C

LCS (BL40003-BS1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Acenaphthene	793	41.7	ug/kg wet	1670		47.6	17-124				
Acenaphthylene	780	41.7	"	1670		46.8	16-124				
Acetophenone	926	41.7	"	1670		55.6	28-105				
Anthracene	895	41.7	"	1670		53.7	24-124				
Atrazine	914	41.7	"	1670		54.8	22-120				
Benzaldehyde	903	41.7	"	1670		54.2	21-100				
Benzo(a)anthracene	1020	41.7	"	1670		61.3	25-134				
Benzo(a)pyrene	1010	41.7	"	1670		60.6	29-144				
Benzo(b)fluoranthene	898	41.7	"	1670		53.9	20-151				
Benzo(g,h,i)perylene	1280	41.7	"	1670		77.0	10-153				
Benzoic acid	975	41.7	"	1670		58.5	10-116				
Benzo(k)fluoranthene	1000	41.7	"	1670		60.3	10-148				
Benzyl butyl phthalate	862	41.7	"	1670		51.7	10-132				
1,1'-Biphenyl	788	41.7	"	1670		47.3	22-103				
4-Bromophenyl phenyl ether	965	41.7	"	1670		57.9	30-138				
Caprolactam	962	83.3	"	1670		57.7	10-123				
Carbazole	979	41.7	"	1670		58.7	31-120				
4-Chloroaniline	764	41.7	"	1670		45.8	10-117				
Bis(2-chloroethoxy)methane	748	41.7	"	1670		44.9	10-129				
Bis(2-chloroethyl)ether	806	41.7	"	1670		48.4	14-125				
Bis(2-chloroisopropyl)ether	928	41.7	"	1670		55.7	14-122				
2-Chloronaphthalene	837	41.7	"	1670		50.2	22-115				
2-Chlorophenol	849	41.7	"	1670		51.0	25-121				
4-Chlorophenyl phenyl ether	854	41.7	"	1670		51.2	18-132				
Chrysene	831	41.7	"	1670		49.9	24-116				
Dibenzo(a,h)anthracene	1270	41.7	"	1670		76.4	17-147				
Dibenzofuran	888	41.7	"	1670		53.3	23-123				
Di-n-butyl phthalate	917	41.7	"	1670		55.0	19-123				
1,2-Dichlorobenzene	768	41.7	"	1670		46.1	26-113				
1,3-Dichlorobenzene	852	41.7	"	1670		51.1	32-113				
1,4-Dichlorobenzene	745	41.7	"	1670		44.7	28-111				
3,3'-Dichlorobenzidine	1130	41.7	"	1670		67.9	10-147				
2,4-Dichlorophenol	783	41.7	"	1670		47.0	23-133				
Diethyl phthalate	906	41.7	"	1670		54.4	23-122				
2,4-Dimethylphenol	795	41.7	"	1670		47.7	15-131				
Dimethyl phthalate	941	41.7	"	1670		56.4	28-127				
4,6-Dinitro-2-methylphenol	1090	83.3	"	1670		65.4	10-149				
2,4-Dinitrophenol	1220	83.3	"	1670		73.1	10-149				
2,4-Dinitrotoluene	1150	41.7	"	1670		69.3	30-123				
2,6-Dinitrotoluene	968	41.7	"	1670		58.1	30-125				
Di-n-octyl phthalate	1030	41.7	"	1670		61.9	10-132				
1,2-Diphenylhydrazine (as Azobenzene)	902	41.7	"	1670		54.1	10-140				
Bis(2-ethylhexyl)phthalate	859	41.7	"	1670		51.5	10-141				
Fluoranthene	976	41.7	"	1670		58.6	36-125				
Fluorene	875	41.7	"	1670		52.5	16-130				
Hexachlorobenzene	799	41.7	"	1670		47.9	10-129				
Hexachlorobutadiene	599	41.7	"	1670		35.9	22-153				
Hexachlorocyclopentadiene	574	41.7	"	1670		34.4	10-134				
Hexachloroethane	735	41.7	"	1670		44.1	20-112				
Indeno(1,2,3-cd)pyrene	1190	41.7	"	1670		71.7	10-155				
Isophorone	752	41.7	"	1670		45.1	14-131				



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 BL40003 - EPA 3550C											
LCS (BL40003-BS1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
2-Methylnaphthalene	800	41.7	ug/kg wet	1670		48.0	16-127				
2-Methylphenol	720	41.7	"	1670		43.2	10-146				
3- & 4-Methylphenols	791	41.7	"	1670		47.5	20-109				
Naphthalene	690	41.7	"	1670		41.4	20-121				
4-Nitroaniline	1170	83.3	"	1670		70.2	14-125				
2-Nitroaniline	1010	83.3	"	1670		60.4	24-126				
3-Nitroaniline	1190	83.3	"	1670		71.2	23-123				
Nitrobenzene	659	41.7	"	1670		39.5	20-121				
2-Nitrophenol	728	41.7	"	1670		43.7	17-129				
4-Nitrophenol	942	83.3	"	1670		56.5	10-136				
N-nitroso-di-n-propylamine	828	41.7	"	1670		49.7	21-119				
N-Nitrosodimethylamine	917	41.7	"	1670		55.0	10-124				
N-Nitrosodiphenylamine	1270	41.7	"	1670		76.1	10-163				
Pentachlorophenol	1030	41.7	"	1670		61.5	10-143				
Phenanthrene	938	41.7	"	1670		56.3	24-123				
Phenol	740	41.7	"	1670		44.4	15-123				
Pyrene	906	41.7	"	1670		54.3	24-132				
1,2,4-Trichlorobenzene	725	41.7	"	1670		43.5	23-130				
2,4,6-Trichlorophenol	912	41.7	"	1670		54.7	27-122				
2,4,5-Trichlorophenol	990	41.7	"	1670		59.4	14-138				
<i>Surrogate: 2-Fluorophenol</i>	<i>2230</i>		<i>"</i>	<i>2500</i>		<i>89.0</i>	<i>10-99</i>				
<i>Surrogate: Phenol-d5</i>	<i>2190</i>		<i>"</i>	<i>2510</i>		<i>87.4</i>	<i>10-108</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1270</i>		<i>"</i>	<i>1670</i>		<i>76.1</i>	<i>10-119</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1380</i>		<i>"</i>	<i>1670</i>		<i>82.7</i>	<i>10-114</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>2710</i>		<i>"</i>	<i>2510</i>		<i>108</i>	<i>30-130</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>1630</i>		<i>"</i>	<i>1670</i>		<i>97.8</i>	<i>10-123</i>				
LCS Dup (BL40003-BSD1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
Acenaphthene	1140	41.7	ug/kg wet	1670		68.4	17-124		36.0	30	Non-dir.
Acenaphthylene	1170	41.7	"	1670		69.9	16-124		39.6	30	Non-dir.
Acetophenone	ND	41.7	"	1670			28-105	Low Bias		30	
Anthracene	1260	41.7	"	1670		75.9	24-124		34.3	30	Non-dir.
Atrazine	1130	41.7	"	1670		68.1	22-120		21.5	30	
Benzaldehyde	1360	41.7	"	1670		81.5	21-100		40.3	30	Non-dir.
Benzo(a)anthracene	1350	41.7	"	1670		81.2	25-134		27.9	30	
Benzo(a)pyrene	1520	41.7	"	1670		91.4	29-144		40.4	30	Non-dir.
Benzo(b)fluoranthene	1480	41.7	"	1670		88.5	20-151		48.7	30	Non-dir.
Benzo(g,h,i)perylene	1870	41.7	"	1670		112	10-153		37.4	30	Non-dir.
Benzoic acid	1240	41.7	"	1670		74.4	10-116		23.9	30	
Benzo(k)fluoranthene	1280	41.7	"	1670		77.1	10-148		24.5	30	
Benzyl butyl phthalate	1370	41.7	"	1670		82.2	10-132		45.6	30	Non-dir.
1,1'-Biphenyl	ND	41.7	"	1670			22-103	Low Bias		30	
4-Bromophenyl phenyl ether	1330	41.7	"	1670		79.5	30-138		31.5	30	Non-dir.
Caprolactam	1240	83.3	"	1670		74.3	10-123		25.1	30	
Carbazole	1540	41.7	"	1670		92.2	31-120		44.4	30	Non-dir.
4-Chloroaniline	1100	41.7	"	1670		66.0	10-117		36.1	30	Non-dir.
Bis(2-chloroethoxy)methane	1300	41.7	"	1670		77.9	10-129		53.8	30	Non-dir.
Bis(2-chloroethyl)ether	1160	41.7	"	1670		69.4	14-125		35.7	30	Non-dir.
Bis(2-chloroisopropyl)ether	1340	41.7	"	1670		80.1	14-122		36.0	30	Non-dir.
2-Chloronaphthalene	1210	41.7	"	1670		72.7	22-115		36.6	30	Non-dir.
2-Chlorophenol	1320	41.7	"	1670		79.0	25-121		43.2	30	Non-dir.



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 BL40003 - EPA 3550C											
LCS Dup (BL40003-BSD1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
4-Chlorophenyl phenyl ether	1180	41.7	ug/kg wet	1670		70.7	18-132		32.0	30	Non-dir.
Chrysene	1260	41.7	"	1670		75.3	24-116		40.7	30	Non-dir.
Dibenzo(a,h)anthracene	1870	41.7	"	1670		112	17-147		37.8	30	Non-dir.
Dibenzofuran	1310	41.7	"	1670		78.9	23-123		38.7	30	Non-dir.
Di-n-butyl phthalate	ND	41.7	"	1670			19-123	Low Bias		30	
1,2-Dichlorobenzene	1210	41.7	"	1670		72.3	26-113		44.3	30	Non-dir.
1,3-Dichlorobenzene	1270	41.7	"	1670		76.4	32-113		39.7	30	Non-dir.
1,4-Dichlorobenzene	1180	41.7	"	1670		70.6	28-111		44.8	30	Non-dir.
3,3'-Dichlorobenzidine	1450	41.7	"	1670		86.9	10-147		24.6	30	
2,4-Dichlorophenol	1190	41.7	"	1670		71.7	23-133		41.6	30	Non-dir.
Diethyl phthalate	1270	41.7	"	1670		76.4	23-122		33.6	30	Non-dir.
2,4-Dimethylphenol	1310	41.7	"	1670		78.3	15-131		48.6	30	Non-dir.
Dimethyl phthalate	1510	41.7	"	1670		90.6	28-127		46.5	30	Non-dir.
4,6-Dinitro-2-methylphenol	1490	83.3	"	1670		89.5	10-149		31.1	30	Non-dir.
2,4-Dinitrophenol	1940	83.3	"	1670		116	10-149		45.6	30	Non-dir.
2,4-Dinitrotoluene	1700	41.7	"	1670		102	30-123		38.2	30	Non-dir.
2,6-Dinitrotoluene	1530	41.7	"	1670		91.9	30-125		45.0	30	Non-dir.
Di-n-octyl phthalate	1310	41.7	"	1670		78.8	10-132		24.0	30	
1,2-Diphenylhydrazine (as Azobenzene)	1110	41.7	"	1670		66.3	10-140		20.3	30	
Bis(2-ethylhexyl)phthalate	1100	41.7	"	1670		65.7	10-141		24.2	30	
Fluoranthene	1310	41.7	"	1670		78.6	36-125		29.2	30	
Fluorene	1230	41.7	"	1670		73.6	16-130		33.4	30	Non-dir.
Hexachlorobenzene	1040	41.7	"	1670		62.5	10-129		26.4	30	
Hexachlorobutadiene	1030	41.7	"	1670		61.8	22-153		53.0	30	Non-dir.
Hexachlorocyclopentadiene	1230	41.7	"	1670		73.9	10-134		72.9	30	Non-dir.
Hexachloroethane	1110	41.7	"	1670		66.6	20-112		40.7	30	Non-dir.
Indeno(1,2,3-cd)pyrene	1760	41.7	"	1670		106	10-155		38.2	30	Non-dir.
Isophorone	1260	41.7	"	1670		75.4	14-131		50.3	30	Non-dir.
2-Methylnaphthalene	1210	41.7	"	1670		72.5	16-127		40.6	30	Non-dir.
2-Methylphenol	1060	41.7	"	1670		63.4	10-146		37.9	30	Non-dir.
3- & 4-Methylphenols	1080	41.7	"	1670		65.0	20-109		31.2	30	Non-dir.
Naphthalene	1140	41.7	"	1670		68.4	20-121		49.1	30	Non-dir.
4-Nitroaniline	1560	83.3	"	1670		93.5	14-125		28.5	30	
2-Nitroaniline	1500	83.3	"	1670		90.2	24-126		39.5	30	Non-dir.
3-Nitroaniline	1700	83.3	"	1670		102	23-123		35.7	30	Non-dir.
Nitrobenzene	1170	41.7	"	1670		70.4	20-121		56.1	30	Non-dir.
2-Nitrophenol	1280	41.7	"	1670		76.6	17-129		54.7	30	Non-dir.
4-Nitrophenol	1490	83.3	"	1670		89.5	10-136		45.2	30	Non-dir.
N-nitroso-di-n-propylamine	1240	41.7	"	1670		74.5	21-119		39.9	30	Non-dir.
N-Nitrosodimethylamine	1430	41.7	"	1670		85.7	10-124		43.6	30	Non-dir.
N-Nitrosodiphenylamine	ND	41.7	"	1670			10-163	Low Bias		30	
Pentachlorophenol	1880	41.7	"	1670		113	10-143		58.9	30	Non-dir.
Phenanthrene	1180	41.7	"	1670		70.9	24-123		23.1	30	
Phenol	1140	41.7	"	1670		68.2	15-123		42.3	30	Non-dir.
Pyrene	1260	41.7	"	1670		75.8	24-132		33.0	30	Non-dir.
1,2,4-Trichlorobenzene	1120	41.7	"	1670		67.1	23-130		42.7	30	Non-dir.
2,4,6-Trichlorophenol	1430	41.7	"	1670		85.5	27-122		44.0	30	Non-dir.
2,4,5-Trichlorophenol	1360	41.7	"	1670		81.5	14-138		31.3	30	Non-dir.
Surrogate: 2-Fluorophenol	2360		"	2500		94.5	10-99				
Surrogate: Phenol-d5	2300		"	2510		91.9	10-108				
Surrogate: Nitrobenzene-d5	1570		"	1670		94.1	10-119				



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 BL40003 - EPA 3550C

LCS Dup (BL40003-BSD1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Surrogate: 2-Fluorobiphenyl	1320		ug/kg wet	1670		79.2	10-114				
Surrogate: 2,4,6-Tribromophenol	2600		"	2510		104	30-130				
Surrogate: Terphenyl-d14	1690		"	1670		101	10-123				



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 BK41206 - EPA 3550C

Blank (BK41206-BLK1)

Prepared: 11/25/2014 Analyzed: 12/01/2014

Aldrin	ND	0.330	ug/kg wet								
alpha-BHC	ND	0.330	"								
beta-BHC	ND	0.330	"								
delta-BHC	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
gamma-Chlordane	ND	0.330	"								
alpha-Chlordane	ND	0.330	"								
Chlordane, total	ND	1.32	"								
4,4'-DDD	ND	0.330	"								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	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	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
Toxaphene	ND	16.7	"								
<i>Surrogate: Decachlorobiphenyl</i>	<i>48.4</i>		<i>"</i>	<i>66.7</i>		<i>72.6</i>	<i>30-140</i>				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>54.0</i>		<i>"</i>	<i>66.7</i>		<i>81.0</i>	<i>30-140</i>				

LCS (BK41206-BS1)

Prepared: 11/25/2014 Analyzed: 12/01/2014

Aldrin	28.1	0.330	ug/kg wet	33.3		84.3	40-140				
alpha-BHC	26.5	0.330	"	33.3		79.4	40-140				
beta-BHC	27.3	0.330	"	33.3		81.8	40-140				
delta-BHC	28.8	0.330	"	33.3		86.5	40-140				
gamma-BHC (Lindane)	27.9	0.330	"	33.3		83.8	40-140				
gamma-Chlordane	26.5	0.330	"	33.3		79.4	40-140				
alpha-Chlordane	27.0	0.330	"	33.3		80.9	40-140				
4,4'-DDD	36.4	0.330	"	33.3		109	40-140				
4,4'-DDE	31.8	0.330	"	33.3		95.4	40-140				
4,4'-DDT	33.3	0.330	"	33.3		99.9	40-140				
Dieldrin	27.3	0.330	"	33.3		81.8	40-140				
Endosulfan I	26.2	0.330	"	33.3		78.7	40-140				
Endosulfan II	28.6	0.330	"	33.3		85.7	40-140				
Endosulfan sulfate	29.1	0.330	"	33.3		87.2	40-140				
Endrin	27.7	0.330	"	33.3		83.1	40-140				
Endrin aldehyde	22.8	0.330	"	33.3		68.4	40-140				
Endrin ketone	30.4	0.330	"	33.3		91.2	40-140				
Heptachlor	25.5	0.330	"	33.3		76.6	40-140				
Heptachlor epoxide	26.4	0.330	"	33.3		79.2	40-140				
Methoxychlor	33.4	1.65	"	33.3		100	40-140				
<i>Surrogate: Decachlorobiphenyl</i>	<i>49.4</i>		<i>"</i>	<i>66.7</i>		<i>74.1</i>	<i>30-140</i>				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>54.0</i>		<i>"</i>	<i>66.7</i>		<i>80.9</i>	<i>30-140</i>				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK41206 - EPA 3550C											
LCS Dup (BK41206-BSD1)						Prepared: 11/25/2014 Analyzed: 12/01/2014					
Aldrin	27.2	0.330	ug/kg wet	33.3		81.7	40-140		3.05	30	
alpha-BHC	26.1	0.330	"	33.3		78.3	40-140		1.38	30	
beta-BHC	27.0	0.330	"	33.3		80.9	40-140		1.11	30	
delta-BHC	28.0	0.330	"	33.3		84.0	40-140		2.90	30	
gamma-BHC (Lindane)	27.3	0.330	"	33.3		81.9	40-140		2.19	30	
gamma-Chlordane	25.5	0.330	"	33.3		76.5	40-140		3.72	30	
alpha-Chlordane	26.1	0.330	"	33.3		78.2	40-140		3.46	30	
4,4'-DDD	34.5	0.330	"	33.3		104	40-140		5.37	30	
4,4'-DDE	30.4	0.330	"	33.3		91.1	40-140		4.61	30	
4,4'-DDT	31.5	0.330	"	33.3		94.6	40-140		5.43	30	
Dieldrin	26.1	0.330	"	33.3		78.2	40-140		4.42	30	
Endosulfan I	25.2	0.330	"	33.3		75.7	40-140		3.90	30	
Endosulfan II	27.2	0.330	"	33.3		81.5	40-140		5.02	30	
Endosulfan sulfate	27.3	0.330	"	33.3		82.0	40-140		6.18	30	
Endrin	26.6	0.330	"	33.3		79.8	40-140		4.07	30	
Endrin aldehyde	21.6	0.330	"	33.3		64.7	40-140		5.56	30	
Endrin ketone	29.2	0.330	"	33.3		87.7	40-140		3.90	30	
Heptachlor	25.0	0.330	"	33.3		74.9	40-140		2.22	30	
Heptachlor epoxide	25.3	0.330	"	33.3		75.9	40-140		4.29	30	
Methoxychlor	31.9	1.65	"	33.3		95.6	40-140		4.55	30	
Surrogate: Decachlorobiphenyl	48.0		"	66.7		72.1	30-140				
Surrogate: Tetrachloro-m-xylene	51.5		"	66.7		77.2	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 BK41206 - EPA 3550C

Blank (BK41206-BLK1)

Prepared: 11/25/2014 Analyzed: 12/01/2014

Aroclor 1016	ND	0.0167	mg/kg wet
Aroclor 1221	ND	0.0167	"
Aroclor 1232	ND	0.0167	"
Aroclor 1242	ND	0.0167	"
Aroclor 1248	ND	0.0167	"
Aroclor 1254	ND	0.0167	"
Aroclor 1260	ND	0.0167	"
Total PCBs	ND	0.0167	"

Surrogate: Tetrachloro-m-xylene

0.0560

"

0.0667

84.0

30-140

Surrogate: Decachlorobiphenyl

0.0487

"

0.0667

73.0

30-140

LCS (BK41206-BS2)

Prepared: 11/25/2014 Analyzed: 12/01/2014

Aroclor 1016	0.335	0.0167	mg/kg wet	0.333	101	40-130
Aroclor 1260	0.324	0.0167	"	0.333	97.3	40-130

Surrogate: Tetrachloro-m-xylene

0.0580

"

0.0667

87.0

30-140

Surrogate: Decachlorobiphenyl

0.0527

"

0.0667

79.0

30-140



Gas Chromatography/Flame Ionization Detector - 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 BK41205 - EPA 3545A

Blank (BK41205-BLK1)						Prepared: 11/25/2014 Analyzed: 11/26/2014					
Total EPH	ND	50.0	mg/kg wet								
Surrogate: 1-Chlorooctadecane	8.58		"	10.0		85.8	40-140				
Surrogate: o-Terphenyl	8.69		"	10.0		86.9	40-140				
LCS (BK41205-BS1)						Prepared: 11/25/2014 Analyzed: 11/26/2014					
Total EPH	242	50.0	mg/kg wet	360		67.2	40-140				
Surrogate: 1-Chlorooctadecane	7.09		"	10.0		70.9	40-140				
Surrogate: o-Terphenyl	7.12		"	10.0		71.2	40-140				
LCS Dup (BK41205-BSD1)						Prepared: 11/25/2014 Analyzed: 11/26/2014					
Total EPH	273	50.0	mg/kg wet	360		75.9	40-140		12.2	30	
Surrogate: 1-Chlorooctadecane	8.46		"	10.0		84.6	40-140				
Surrogate: o-Terphenyl	8.16		"	10.0		81.6	40-140				

Batch BL40001 - EPA 3545A

Blank (BL40001-BLK1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
Total EPH	ND	50.0	mg/kg wet								
Surrogate: 1-Chlorooctadecane	6.94		"	10.0		69.4	40-140				
Surrogate: o-Terphenyl	6.91		"	10.0		69.1	40-140				
LCS (BL40001-BS1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
Total EPH	221	50.0	mg/kg wet	360		61.5	40-140				
Surrogate: 1-Chlorooctadecane	7.19		"	10.0		71.9	40-140				
Surrogate: o-Terphenyl	7.01		"	10.0		70.1	40-140				
LCS Dup (BL40001-BSD1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
Total EPH	227	50.0	mg/kg wet	360		63.0	40-140		2.39	30	
Surrogate: 1-Chlorooctadecane	7.33		"	10.0		73.3	40-140				
Surrogate: o-Terphenyl	7.22		"	10.0		72.2	40-140				



Gas Chromatography/Flame Ionization Detector - 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 BL40001 - EPA 3545A

Duplicate (BL40001-DUP1)		*Source sample: 14K0840-01 (C1 Comp (0-3))						Prepared: 12/01/2014 Analyzed: 12/02/2014			
Total EPH	323	57.1	mg/kg dry		614				62.2	200	
Surrogate: 1-Chlorooctadecane	5.97		"	11.4		52.3	40-140				
Surrogate: o-Terphenyl	5.95		"	11.4		52.1	40-140				
Matrix Spike (BL40001-MS1)		*Source sample: 14K0840-01 (C1 Comp (0-3))						Prepared: 12/01/2014 Analyzed: 12/02/2014			
Total EPH	848	57.1	mg/kg dry	411	614	56.9	40-140				
Surrogate: 1-Chlorooctadecane	8.46		"	11.4		74.0	40-140				
Surrogate: o-Terphenyl	8.59		"	11.4		75.2	40-140				



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 BL40064 - EPA 3010A/1311

Blank (BL40064-BLK1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Arsenic	ND	0.004	mg/L
Barium	ND	0.010	"
Cadmium	ND	0.003	"
Chromium	ND	0.005	"
Lead	ND	0.003	"
Selenium	ND	0.010	"
Silver	ND	0.005	"

Blank (BL40064-BLK2)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Arsenic	ND	0.004	mg/L
Barium	ND	0.010	"
Cadmium	ND	0.003	"
Chromium	ND	0.005	"
Lead	ND	0.003	"
Selenium	ND	0.010	"
Silver	ND	0.005	"

Reference (BL40064-SRM1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Arsenic	0.391	0.004	mg/L	0.438	89.2	83.3-116
Barium	0.393	0.010	"	0.365	108	84.9-115
Cadmium	0.338	0.003	"	0.334	101	85-115
Chromium	0.774	0.005	"	0.797	97.1	84.9-115
Lead	1.48	0.003	"	1.47	101	85-115
Selenium	0.460	0.010	"	0.521	88.2	85-115
Silver	0.377	0.005	"	0.384	98.3	84.9-115

Batch BL40124 - EPA 3050B

Blank (BL40124-BLK1)

Prepared & Analyzed: 12/02/2014

Aluminum	ND	1.00	mg/kg wet
Antimony	ND	0.500	"
Arsenic	ND	1.00	"
Barium	ND	1.00	"
Beryllium	ND	0.100	"
Cadmium	ND	0.300	"
Calcium	ND	5.00	"
Chromium	ND	0.500	"
Cobalt	ND	0.500	"
Copper	ND	0.500	"
Iron	ND	2.00	"
Lead	ND	0.300	"
Magnesium	ND	5.00	"
Manganese	ND	0.500	"
Nickel	ND	0.500	"
Potassium	ND	5.00	"
Selenium	ND	1.00	"
Silver	ND	0.500	"
Sodium	ND	10.0	"
Thallium	ND	1.00	"
Vanadium	ND	1.00	"
Zinc	ND	1.00	"



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 BL40124 - EPA 3050B

Reference (BL40124-SRM1)

Prepared & Analyzed: 12/02/2014

Aluminum	7470	1.00	mg/kg wet	8740		85.5	41.6-158				
Antimony	110	0.500	"	108		102	23-255				
Arsenic	149	1.00	"	151		98.7	70.9-130				
Barium	273	1.00	"	262		104	73.7-126				
Beryllium	131	0.100	"	133		98.7	75.1-125				
Cadmium	147	0.300	"	152		96.6	73-126				
Calcium	6290	5.00	"	6400		98.3	73.9-126				
Chromium	113	0.500	"	117		97.0	69.7-130				
Cobalt	71.3	0.500	"	68.7		104	74.4-126				
Copper	72.6	0.500	"	68.6		106	73.2-129				
Iron	12100	2.00	"	12300		98.4	30.5-170				
Lead	242	0.300	"	254		95.2	75.6-125				
Magnesium	3420	5.00	"	3600		95.0	68.3-132				
Manganese	560	0.500	"	563		99.5	77.4-123				
Nickel	321	0.500	"	315		102	74.3-127				
Potassium	2870	5.00	"	3040		94.3	62.5-137				
Selenium	161	1.00	"	162		99.5	67.3-132				
Silver	43.1	0.500	"	44.3		97.3	66.4-124				
Sodium	785	10.0	"	746		105	56.8-143				
Thallium	258	1.00	"	259		99.5	69.5-131				
Vanadium	114	1.00	"	116		98.2	67.5-132				
Zinc	295	1.00	"	306		96.3	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 BK41182 - EPA 7473 soil											
Blank (BK41182-BLK1)								Prepared & Analyzed: 11/25/2014			
Mercury	ND	0.0300	mg/kg wet								
Reference (BK41182-SRM1)								Prepared & Analyzed: 11/25/2014			
Mercury	4.5139		mg/kg	3.73		121	68.6-131				
Batch BK41202 - EPA 7473 water											
Blank (BK41202-BLK1)								Prepared: 11/25/2014 Analyzed: 11/26/2014			
Mercury	ND	0.000200	mg/L								
Reference (BK41202-SRM1)								Prepared: 11/25/2014 Analyzed: 11/26/2014			
Mercury	0.00259		mg/L	0.00230		113	61.3-135				
Batch BK41210 - EPA 7473 soil											
Blank (BK41210-BLK1)								Prepared & Analyzed: 11/26/2014			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BK41210-DUP1) *Source sample: 14K0840-03 (C1 Comp (3-6))								Prepared & Analyzed: 11/26/2014			
Mercury	ND	0.0344	mg/kg dry		ND					35	
Matrix Spike (BK41210-MS1) *Source sample: 14K0840-03 (C1 Comp (3-6))								Prepared & Analyzed: 11/26/2014			
Mercury	0.415		mg/kg	0.500	0.0196	79.1	75-125				
Reference (BK41210-SRM1)								Prepared & Analyzed: 11/26/2014			
Mercury	3.7632		mg/kg	3.73		101	68.6-131				



Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BK41244 - EPA 7473 water											
Blank (BK41244-BLK1)								Prepared & Analyzed: 11/26/2014			
Mercury	ND	0.000200	mg/L								
Duplicate (BK41244-DUP1)								Prepared & Analyzed: 11/26/2014			
Mercury	ND	0.000200	mg/L		ND					20	
Matrix Spike (BK41244-MS1)								Prepared & Analyzed: 11/26/2014			
Mercury	0.00200		mg/L	0.00200	ND	99.8	75-125				
Reference (BK41244-SRM1)								Prepared & Analyzed: 11/26/2014			
Mercury	0.00280		mg/L	0.00230		122	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 BK41136 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BK41136-BLK1)						Prepared: 11/24/2014 Analyzed: 11/25/2014					
TCLP Extraction	Completed	1.00	N/A								
Batch BL40087 - EPA SW846-3060											
Blank (BL40087-BLK1)						Prepared & Analyzed: 12/02/2014					
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BL40087-SRM1)						Prepared & Analyzed: 12/02/2014					
Chromium, Hexavalent	88.4		mg/L	125		70.7	20.2-180				
Batch BL40282 - Analysis Preparation											
Blank (BL40282-BLK1)						Prepared & Analyzed: 12/04/2014					
Reactivity - Cyanide	ND	0.250	mg/kg								
Batch BL40283 - Analysis Preparation											
Blank (BL40283-BLK1)						Prepared & Analyzed: 12/04/2014					
Reactivity - Sulfide	ND	15.0	mg/kg								
LCS (BL40283-BS1)						Prepared & Analyzed: 12/04/2014					
Reactivity - Sulfide	216	15.0	mg/kg	250		86.4	30-150				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14K0840-02	C1 Grab (0-3)	2 oz. WM Clear Glass Cool to 4° C
14K0840-04	C1 Grab (3-6)	2 oz. WM Clear Glass Cool to 4° C
14K0840-06	C1 Grab (6-9)	2 oz. WM Clear Glass Cool to 4° C
14K0840-08	C1 Grab (9-12)	2 oz. WM Clear Glass Cool to 4° C
14K0840-10	C1 Grab (12-15)	2 oz. WM Clear Glass Cool to 4° C
14K0840-12	C1 Grab (15-18)	2 oz. WM Clear Glass Cool to 4° C



Notes and Definitions

JN	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20% AND correlation coefficient <0.990 for quadratic fit).
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).
EXT-COMP	Completed
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
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.
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.
VOA-CONT	NON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
PF-01	No Free Liquid
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.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
S-08	The recovery of this surrogate was outside of QC limits.
IGN-01	Non-Ignit.

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.



Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.

For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
B-TRATFORD, CT 06615
(203) 325-1371
Fax (203) 357-0166

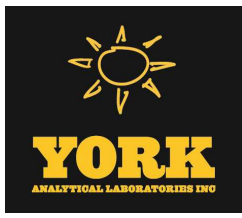
Field Chain-of-Custody Record

Page 1 of 1

York Project No. YK0840

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 analysis requested and your signature binds you to York's Std. Terms & Conditions

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: EBC		SAME ☒		SAME ☒		Grid Section C1		RUSH-Same Day	Summary Report	X	
Address: 1808 Middle Country Rd		Name:		Name:		25 Kent Avenue, Brooklyn, NY		RUSH-Next Day	QA Report		
Ridge, New York 11961		Company:		Company:		Purchase Order #		RUSH-Two Day	CT RCP		
Phone.: 631.504.6000		Address:		Address:				RUSH-Three Day	CT RCP DQA/DUE Pkg		
Contact: Charles Sosik								RUSH-Four Day	NY ASP A Package		
E-mail: Csosik@ebcincny.com		E-mail:		E-mail:		Samples from CT_NY_X_NJ_		Standard (5-7 day)	NY ASP B Package		
									NJDEP Reduced Deliv		
									Excel		X
									NYSDEC EQUIS		
									NJDEP SRP HazSite		
									EQUIS		
									GIS/KEY (std)		
									YORK Regulatory Comp Excel		
									compared to:		
									UU, RR SCOS		
									Container Description		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		
									4 oz Soil Jar		
									Two 8oz Soil Jars		



Technical Report

prepared for:

Environmental Business Consultants

1808 Middle Country Rd.

Ridge NY, 11961

Attention: Charles Sosik

Report Date: 12/05/2014

Client Project ID: Grid Section D1 25 Kent Avenue Brooklyn, NY

York Project (SDG) No.: 14K0925

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 12/05/2014
Client Project ID: Grid Section D1 25 Kent Avenue Brooklyn, NY
York Project (SDG) No.: 14K0925

Environmental Business Consultants
1808 Middle Country Rd.
Ridge NY, 11961
Attention: Charles Sosik

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 25, 2014 and listed below. The project was identified as your project: **Grid Section D1 25 Kent Avenue Brooklyn, NY.**

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0925-01	D1 Comp (0-3)	Soil	11/25/2014	11/25/2014
14K0925-02	D1 Grab (0-3)	Soil	11/25/2014	11/25/2014
14K0925-03	D1 Comp (3-6)	Soil	11/25/2014	11/25/2014
14K0925-04	D1 Grab (3-6)	Soil	11/25/2014	11/25/2014
14K0925-05	D1 Comp (6-9)	Soil	11/25/2014	11/25/2014
14K0925-06	D1 Grab (6-9)	Soil	11/25/2014	11/25/2014
14K0925-07	D1 Comp (9-12)	Soil	11/25/2014	11/25/2014
14K0925-08	D1 Grab (9-12)	Soil	11/25/2014	11/25/2014
14K0925-09	D1 Comp (12-15)	Soil	11/25/2014	11/25/2014
14K0925-10	D1 Grab (12-15)	Soil	11/25/2014	11/25/2014
14K0925-11	D1 Comp (15-18)	Soil	11/25/2014	11/25/2014
14K0925-12	D1 Grab (15-18)	Soil	11/25/2014	11/25/2014

General Notes for York Project (SDG) No.: 14K0925

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/05/2014





Sample Information

Client Sample ID: D1 Comp (0-3)

York Sample ID: 14K0925-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 9:00 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
98-86-2	Acetophenone	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
120-12-7	Anthracene	314		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
1912-24-9	Atrazine	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
92-87-5	Benzidine	ND		ug/kg dry	302	604	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
56-55-3	Benzo(a)anthracene	574		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
50-32-8	Benzo(a)pyrene	299		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
205-99-2	Benzo(b)fluoranthene	303		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
191-24-2	Benzo(g,h,i)perylene	281		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
65-85-0	Benzoic acid	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
207-08-9	Benzo(k)fluoranthene	351		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
105-60-2	Caprolactam	ND		ug/kg dry	151	301	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
86-74-8	Carbazole	136	J	ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
218-01-9	Chrysene	1080		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR



Sample Information

Client Sample ID: D1 Comp (0-3)

York Sample ID: 14K0925-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 9:00 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	151	301	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	151	301	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
206-44-0	Fluoranthene	1930		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
86-73-7	Fluorene	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
193-39-5	Indeno(1,2,3-cd)pyrene	267		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
78-59-1	Isophorone	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
91-57-6	2-Methylnaphthalene	203		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
91-20-3	Naphthalene	227		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	151	301	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	151	301	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	151	301	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	151	301	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
85-01-8	Phenanthrene	1580		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
108-95-2	Phenol	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
129-00-0	Pyrene	1810		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR



Sample Information

Client Sample ID: D1 Comp (0-3)

York Sample ID: 14K0925-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 9:00 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	75.6	151	2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	16.1 %		10-99							
4165-62-2	Surrogate: Phenol-d5	48.5 %		10-108							
4165-60-0	Surrogate: Nitrobenzene-d5	26.0 %		10-119							
321-60-8	Surrogate: 2-Fluorobiphenyl	48.3 %		10-114							
118-79-6	Surrogate: 2,4,6-Tribromophenol	36.5 %		10-106							
1718-51-0	Surrogate: Terphenyl-d14	48.7 %		10-123							

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
023130-31-6	1-Benzopyrylium, 3,7-dihydroxy	4040	JN	ug/kg dry			2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
036203-85-7	2,5-Nonadien-4-one, 9-(3-furan	2310	JN	ug/kg dry			2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
005390-04-5	4-Pentyn-1-ol	2550	JN	ug/kg dry			2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
000000-00-0	Diallyldivinylsilane	3060	JN	ug/kg dry			2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
020223-76-1	Furo[3,4-b]furan-2,6(3H,4H)-di	2320	JN	ug/kg dry			2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
000627-44-1	Mercury, diethyl-	2680	JN	ug/kg dry			2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
018937-78-5	Methyl-2-heptynoate	2420	JN	ug/kg dry			2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
77392-71-3	Perylene	3290	JN	ug/kg dry			2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
015638-09-2	Phenanthrene, 3,6-dimethoxy-9-	2350	JN	ug/kg dry			2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
000103-03-7	Phenicarbazide	2380	JN	ug/kg dry			2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
000588-05-6	Phenol, 3-(2-aminoethyl)-	3200	JN	ug/kg dry			2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR
050803-80-0	Spiro[5.6]dodecane-1,7-dione	2480	JN	ug/kg dry			2	EPA 8270D	12/01/2014 15:00	12/03/2014 00:26	SR

Pesticides, NJDEP/TCL/Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.96	7.96	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW



Sample Information

Client Sample ID: D1 Comp (0-3)

York Sample ID: 14K0925-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 9:00 am

11/25/2014

Pesticides, NJDEP/TCL/Part 375 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
72-55-9	4,4'-DDE	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
72-20-8	Endrin	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.95	9.95	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
8001-35-2	Toxaphene	ND		ug/kg dry	101	101	5	EPA 8081B	12/01/2014 17:00	12/03/2014 09:52	JW
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	51.7 %	30-140								
877-09-8	Surrogate: Tetrachloro-m-xylene	55.4 %	30-140								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	12/01/2014 17:00	12/02/2014 13:05	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	12/01/2014 17:00	12/02/2014 13:05	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	12/01/2014 17:00	12/02/2014 13:05	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	12/01/2014 17:00	12/02/2014 13:05	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	12/01/2014 17:00	12/02/2014 13:05	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	12/01/2014 17:00	12/02/2014 13:05	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	12/01/2014 17:00	12/02/2014 13:05	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	12/01/2014 17:00	12/02/2014 13:05	AMC
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	68.0 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	56.5 %	30-140								



Sample Information

Client Sample ID: D1 Comp (0-3)

York Sample ID: 14K0925-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 9:00 am

11/25/2014

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		398		mg/kg dry	60.3	60.3	1	NJDEP EPH Rev 3.0	12/01/2014 14:00	12/03/2014 11:00	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	50.2 %		40-140							
84-15-1	Surrogate: o-Terphenyl	47.3 %		40-140							

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	4370		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7440-36-0	Antimony	1.90		mg/kg dry	0.603	0.603	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7440-38-2	Arsenic	18.6		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7440-39-3	Barium	164		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.121	0.121	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7440-43-9	Cadmium	2.21		mg/kg dry	0.362	0.362	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7440-70-2	Calcium	37200		mg/kg dry	0.603	6.03	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7440-47-3	Chromium	16.8		mg/kg dry	0.603	0.603	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7440-48-4	Cobalt	6.06		mg/kg dry	0.603	0.603	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7440-50-8	Copper	181		mg/kg dry	0.603	0.603	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7439-89-6	Iron	24200		mg/kg dry	2.41	2.41	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7439-92-1	Lead	347		mg/kg dry	0.362	0.362	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7439-95-4	Magnesium	2040		mg/kg dry	6.03	6.03	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7439-96-5	Manganese	207		mg/kg dry	0.603	0.603	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7440-02-0	Nickel	22.2		mg/kg dry	0.603	0.603	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7440-09-7	Potassium	539		mg/kg dry	6.03	6.03	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7782-49-2	Selenium	6.80		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7440-22-4	Silver	ND		mg/kg dry	0.603	0.603	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7440-23-5	Sodium	298		mg/kg dry	12.1	12.1	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7440-28-0	Thallium	ND		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7440-62-2	Vanadium	32.8		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW
7440-66-6	Zinc	615		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:48	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:58	MW
7440-39-3	Barium	0.487		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:58	MW



Sample Information

Client Sample ID: D1 Comp (0-3)

York Sample ID: 14K0925-01

York Project (SDG) No.

14K0925

Client Project ID

Grid Section D1 25 Kent Avenue Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 25, 2014 9:00 am

Date Received

11/25/2014

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	0.008		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:58	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:58	MW
7439-92-1	Lead	0.021		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:58	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:58	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:58	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.478		mg/kg dry	0.0362	0.0362	1	EPA 7473	11/26/2014 10:51	11/26/2014 16:06	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	12/02/2014 10:30	12/02/2014 17:35	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	12/03/2014 11:48	12/04/2014 15:32	AA

Paint Filter Test

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
	* Paint Filter Test	No Free Liquid		-	0	0	1	EPA 9095A	12/01/2014 12:49	12/01/2014 13:08	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.9		%	0.100	0.100	1	SM 2540G	12/04/2014 10:57	12/04/2014 13:25	KK

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

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



Sample Information

Client Sample ID: D1 Comp (0-3)

York Sample ID: 14K0925-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 9:00 am

11/25/2014

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	0.422	0.603	1	EPA 7196A	12/04/2014 18:41	12/05/2014 13:12	SC

Corrosivity

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
	pH	7.66	HT-pH	pH units		0.500	1	EPA 9045D	12/03/2014 11:39	12/04/2014 13:18	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/05/2014 09:57	12/05/2014 15:05	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	40.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/05/2014 10:01	12/05/2014 15:45	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	12/01/2014 17:20	12/02/2014 13:58	KK

Sample Information

Client Sample ID: D1 Grab (0-3)

York Sample ID: 14K0925-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 9:20 am

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK



Sample Information

Client Sample ID: D1 Grab (0-3)

York Sample ID: 14K0925-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 9:20 am

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	240	490	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
110-82-7	Cyclohexane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
78-93-3	2-Butanone	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
591-78-6	2-Hexanone	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
67-64-1	Acetone	ND		ug/kg dry	12	24	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
107-02-8	Acrolein	ND		ug/kg dry	12	24	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
71-43-2	Benzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
75-25-2	Bromoform	ND	IS-LO	ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
74-83-9	Bromomethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
75-00-3	Chloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
67-66-3	Chloroform	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
74-87-3	Chloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK



Sample Information

Client Sample ID: D1 Grab (0-3)

York Sample ID: 14K0925-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 9:20 am

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
74-95-3	Dibromomethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
98-82-8	Isopropylbenzene	ND	IS-LO	ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
79-20-9	Methyl acetate	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
75-09-2	Methylene chloride	21	J	ug/kg dry	12	24	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
104-51-8	n-Butylbenzene	ND	IS-LO	ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
103-65-1	n-Propylbenzene	ND	IS-LO	ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
95-47-6	o-Xylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	24	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
99-87-6	p-Isopropyltoluene	ND	IS-LO	ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
135-98-8	sec-Butylbenzene	ND	IS-LO	ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
100-42-5	Styrene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	12	24	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
98-06-6	tert-Butylbenzene	ND	IS-LO	ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
108-88-3	Toluene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	18	37	1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %				77-125					
460-00-4	Surrogate: p-Bromofluorobenzene	160 %	S-04			76-130					
2037-26-5	Surrogate: Toluene-d8	129 %	S-04			85-120					

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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



Sample Information

Client Sample ID: D1 Grab (0-3)

York Sample ID: 14K0925-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 9:20 am

11/25/2014

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	12/02/2014 08:55	12/02/2014 14:48	BK

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.1		%	0.100	0.100	1	SM 2540G	12/03/2014 13:45	12/03/2014 19:24	SCA

Sample Information

Client Sample ID: D1 Comp (3-6)

York Sample ID: 14K0925-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 9:30 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	157		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
98-86-2	Acetophenone	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
120-12-7	Anthracene	461		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
1912-24-9	Atrazine	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
92-87-5	Benzidine	ND		ug/kg dry	303	607	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
56-55-3	Benzo(a)anthracene	1010		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
50-32-8	Benzo(a)pyrene	584		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
205-99-2	Benzo(b)fluoranthene	578		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
191-24-2	Benzo(g,h,i)perylene	295		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
65-85-0	Benzoic acid	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
207-08-9	Benzo(k)fluoranthene	625		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
105-60-2	Caprolactam	ND		ug/kg dry	151	303	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
86-74-8	Carbazole	185		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR



Sample Information

Client Sample ID: D1 Comp (3-6)

York Sample ID: 14K0925-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 9:30 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
218-01-9	Chrysene	1240		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
53-70-3	Dibenzo(a,h)anthracene	154		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
132-64-9	Dibenzofuran	142	J	ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	151	303	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	151	303	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
206-44-0	Fluoranthene	2360		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
86-73-7	Fluorene	168		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
193-39-5	Indeno(1,2,3-cd)pyrene	312		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
78-59-1	Isophorone	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR



Sample Information

Client Sample ID: D1 Comp (3-6)

York Sample ID: 14K0925-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 9:30 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
91-20-3	Naphthalene	185		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	151	303	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	151	303	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	151	303	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	151	303	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
85-01-8	Phenanthrene	1900		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
108-95-2	Phenol	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
129-00-0	Pyrene	2260		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	75.9	151	2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR

Surrogate Recoveries		Result	Acceptance Range
367-12-4	Surrogate: 2-Fluorophenol	22.3 %	10-99
4165-62-2	Surrogate: Phenol-d5	44.3 %	10-108
4165-60-0	Surrogate: Nitrobenzene-d5	25.1 %	10-119
321-60-8	Surrogate: 2-Fluorobiphenyl	43.8 %	10-114
118-79-6	Surrogate: 2,4,6-Tribromophenol	30.9 %	10-106
1718-51-0	Surrogate: Terphenyl-d14	55.4 %	10-123

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00	JN	ug/kg dry			2	EPA 8270D	12/01/2014 15:00	12/02/2014 23:24	SR



Sample Information

Client Sample ID: D1 Comp (3-6)

York Sample ID: 14K0925-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 9:30 am

11/25/2014

Pesticides, NJDEP/TCL/Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.99	7.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
72-20-8	Endrin	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.00	2.00	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.99	9.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
8001-35-2	Toxaphene	ND		ug/kg dry	101	101	5	EPA 8081B	12/01/2014 17:00	12/02/2014 09:58	JW
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	58.4 %	30-140								
877-09-8	Surrogate: Tetrachloro-m-xylene	64.6 %	30-140								



Sample Information

Client Sample ID: D1 Comp (3-6)

York Sample ID: 14K0925-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 9:30 am

11/25/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A	12/01/2014 17:00	12/02/2014 13:34	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A	12/01/2014 17:00	12/02/2014 13:34	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A	12/01/2014 17:00	12/02/2014 13:34	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A	12/01/2014 17:00	12/02/2014 13:34	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A	12/01/2014 17:00	12/02/2014 13:34	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A	12/01/2014 17:00	12/02/2014 13:34	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A	12/01/2014 17:00	12/02/2014 13:34	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0202	0.0202	1	EPA 8082A	12/01/2014 17:00	12/02/2014 13:34	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	65.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	49.5 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		76.2		mg/kg dry	60.5	60.5	1	NJDEP EPH Rev 3.0	12/01/2014 14:00	12/02/2014 21:48	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	46.2 %		40-140							
84-15-1	Surrogate: o-Terphenyl	45.3 %		40-140							

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	5650		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW
7440-36-0	Antimony	ND		mg/kg dry	0.605	0.605	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW
7440-38-2	Arsenic	8.95		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW
7440-39-3	Barium	133		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.121	0.121	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW
7440-43-9	Cadmium	0.628		mg/kg dry	0.363	0.363	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW
7440-70-2	Calcium	76800		mg/kg dry	0.605	6.05	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW
7440-47-3	Chromium	11.5		mg/kg dry	0.605	0.605	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW
7440-48-4	Cobalt	5.06		mg/kg dry	0.605	0.605	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW
7440-50-8	Copper	70.1		mg/kg dry	0.605	0.605	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW
7439-89-6	Iron	11900		mg/kg dry	2.42	2.42	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW
7439-92-1	Lead	212		mg/kg dry	0.363	0.363	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW



Sample Information

Client Sample ID: D1 Comp (3-6)

York Sample ID: 14K0925-03

York Project (SDG) No.

14K0925

Client Project ID

Grid Section D1 25 Kent Avenue Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 25, 2014 9:30 am

Date Received

11/25/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	1870		mg/kg dry	6.05	6.05	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW
7439-96-5	Manganese	184		mg/kg dry	0.605	0.605	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW
7440-02-0	Nickel	14.0		mg/kg dry	0.605	0.605	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW
7440-09-7	Potassium	976		mg/kg dry	6.05	6.05	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW
7782-49-2	Selenium	4.01		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW
7440-22-4	Silver	ND		mg/kg dry	0.605	0.605	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW
7440-23-5	Sodium	617		mg/kg dry	12.1	12.1	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW
7440-28-0	Thallium	ND		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW
7440-62-2	Vanadium	18.6		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW
7440-66-6	Zinc	329		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:53	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:03	MW
7440-39-3	Barium	0.416		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:03	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:03	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:03	MW
7439-92-1	Lead	0.017		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:03	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:03	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:03	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.219		mg/kg dry	0.0363	0.0363	1	EPA 7473	11/26/2014 10:51	11/26/2014 16:15	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	12/02/2014 10:30	12/02/2014 17:35	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	12/03/2014 11:48	12/04/2014 15:32	AA



Sample Information

Client Sample ID: D1 Comp (3-6)

York Sample ID: 14K0925-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 9:30 am

11/25/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.6		%	0.100	0.100	1	SM 2540G	12/03/2014 13:45	12/03/2014 19:24	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	0.424	0.605	1	EPA 7196A	12/04/2014 18:41	12/05/2014 13:12	SC

Corrosivity

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
	pH	9.11	HT-pH	pH units		0.500	1	EPA 9045D	12/03/2014 11:39	12/04/2014 13:18	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/05/2014 09:57	12/05/2014 15:05	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	64.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/05/2014 10:01	12/05/2014 15:45	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	12/01/2014 17:20	12/02/2014 13:58	KK

Sample Information

Client Sample ID: D1 Grab (3-6)

York Sample ID: 14K0925-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 9:40 am

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: D1 Grab (3-6)

York Sample ID: 14K0925-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 9:40 am

11/25/2014

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	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	240	490	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
110-82-7	Cyclohexane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
78-93-3	2-Butanone	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
591-78-6	2-Hexanone	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
67-64-1	Acetone	ND		ug/kg dry	12	24	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
107-02-8	Acrolein	ND		ug/kg dry	12	24	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
71-43-2	Benzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
75-25-2	Bromoform	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
74-83-9	Bromomethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
75-00-3	Chloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
67-66-3	Chloroform	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
74-87-3	Chloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK



Sample Information

Client Sample ID: D1 Grab (3-6)

York Sample ID: 14K0925-04

York Project (SDG) No.

14K0925

Client Project ID

Grid Section D1 25 Kent Avenue Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 25, 2014 9:40 am

Date Received

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
74-95-3	Dibromomethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
79-20-9	Methyl acetate	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
75-09-2	Methylene chloride	20	J	ug/kg dry	12	24	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
95-47-6	o-Xylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	24	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
100-42-5	Styrene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	12	24	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
108-88-3	Toluene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	18	36	1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	110 %	76-130								
2037-26-5	Surrogate: Toluene-d8	117 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: D1 Grab (3-6)

York Sample ID: 14K0925-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 9:40 am

11/25/2014

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
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	12/02/2014 08:55	12/02/2014 15:32	BK

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.5		%	0.100	0.100	1	SM 2540G	12/03/2014 13:45	12/03/2014 19:24	SCA

Sample Information

Client Sample ID: D1 Comp (6-9)

York Sample ID: 14K0925-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:00 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
98-86-2	Acetophenone	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
120-12-7	Anthracene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
1912-24-9	Atrazine	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
92-87-5	Benzidine	ND		ug/kg dry	145	290	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
65-85-0	Benzoic acid	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
105-60-2	Caprolactam	ND		ug/kg dry	72.5	145	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
86-74-8	Carbazole	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR



Sample Information

Client Sample ID: D1 Comp (6-9)

York Sample ID: 14K0925-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:00 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
218-01-9	Chrysene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	72.5	145	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	72.5	145	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
206-44-0	Fluoranthene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
86-73-7	Fluorene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
78-59-1	Isophorone	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR



Sample Information

Client Sample ID: D1 Comp (6-9)

York Sample ID: 14K0925-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:00 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
91-20-3	Naphthalene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	72.5	145	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	72.5	145	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	72.5	145	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	72.5	145	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
85-01-8	Phenanthrene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
108-95-2	Phenol	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
129-00-0	Pyrene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	36.3	72.5	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	7.53 %	S-08		10-99						
4165-62-2	Surrogate: Phenol-d5	29.7 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	17.7 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	29.3 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	3.03 %	S-08		10-106						
1718-51-0	Surrogate: Terphenyl-d14	47.2 %			10-123						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:42	SR



Sample Information

Client Sample ID: D1 Comp (6-9)

York Sample ID: 14K0925-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:00 am

11/25/2014

Pesticides, NJDEP/TCL/Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	1.91	1.91	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.91	1.91	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.91	1.91	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.91	1.91	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.91	1.91	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.91	1.91	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.91	1.91	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.65	7.65	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.91	1.91	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.91	1.91	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.91	1.91	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.91	1.91	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.91	1.91	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.91	1.91	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.91	1.91	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
72-20-8	Endrin	ND		ug/kg dry	1.91	1.91	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.91	1.91	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.91	1.91	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.91	1.91	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.91	1.91	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.57	9.57	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
8001-35-2	Toxaphene	ND		ug/kg dry	96.8	96.8	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:14	JW
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	64.3 %	30-140								
877-09-8	Surrogate: Tetrachloro-m-xylene	72.4 %	30-140								



Sample Information

Client Sample ID: D1 Comp (6-9)

York Sample ID: 14K0925-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:00 am

11/25/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A	12/01/2014 17:00	12/02/2014 14:03	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A	12/01/2014 17:00	12/02/2014 14:03	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A	12/01/2014 17:00	12/02/2014 14:03	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A	12/01/2014 17:00	12/02/2014 14:03	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A	12/01/2014 17:00	12/02/2014 14:03	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A	12/01/2014 17:00	12/02/2014 14:03	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A	12/01/2014 17:00	12/02/2014 14:03	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A	12/01/2014 17:00	12/02/2014 14:03	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	76.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	58.0 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	58.0	58.0	1	NJDEP EPH Rev 3.0	12/01/2014 14:00	12/02/2014 17:32	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	55.0 %		40-140							
84-15-1	Surrogate: o-Terphenyl	54.2 %		40-140							

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	10800		mg/kg dry	1.16	1.16	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW
7440-36-0	Antimony	ND		mg/kg dry	0.580	0.580	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW
7440-38-2	Arsenic	4.68		mg/kg dry	1.16	1.16	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW
7440-39-3	Barium	93.2		mg/kg dry	1.16	1.16	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.116	0.116	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.348	0.348	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW
7440-70-2	Calcium	3920		mg/kg dry	0.580	5.80	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW
7440-47-3	Chromium	15.8		mg/kg dry	0.580	0.580	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW
7440-48-4	Cobalt	7.64		mg/kg dry	0.580	0.580	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW
7440-50-8	Copper	27.2		mg/kg dry	0.580	0.580	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW
7439-89-6	Iron	17400		mg/kg dry	2.32	2.32	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW
7439-92-1	Lead	138		mg/kg dry	0.348	0.348	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW



Sample Information

Client Sample ID: D1 Comp (6-9)

York Sample ID: 14K0925-05

York Project (SDG) No.

14K0925

Client Project ID

Grid Section D1 25 Kent Avenue Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 25, 2014 10:00 am

Date Received

11/25/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	2570		mg/kg dry	5.80	5.80	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW
7439-96-5	Manganese	336		mg/kg dry	0.580	0.580	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW
7440-02-0	Nickel	15.0		mg/kg dry	0.580	0.580	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW
7440-09-7	Potassium	1070		mg/kg dry	5.80	5.80	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW
7782-49-2	Selenium	4.43		mg/kg dry	1.16	1.16	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW
7440-22-4	Silver	ND		mg/kg dry	0.580	0.580	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW
7440-23-5	Sodium	205		mg/kg dry	11.6	11.6	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW
7440-28-0	Thallium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW
7440-62-2	Vanadium	23.9		mg/kg dry	1.16	1.16	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW
7440-66-6	Zinc	41.0		mg/kg dry	1.16	1.16	1	EPA 6010C	12/03/2014 14:04	12/03/2014 18:58	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:09	MW
7440-39-3	Barium	0.501		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:09	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:09	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:09	MW
7439-92-1	Lead	0.005		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:09	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:09	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:09	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.116		mg/kg dry	0.0348	0.0348	1	EPA 7473	11/26/2014 10:51	11/26/2014 16:24	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	12/02/2014 10:30	12/02/2014 17:35	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	12/03/2014 11:48	12/04/2014 15:32	AA



Sample Information

Client Sample ID: D1 Comp (6-9)

York Sample ID: 14K0925-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:00 am

11/25/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.2		%	0.100	0.100	1	SM 2540G	12/03/2014 13:45	12/03/2014 19:24	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	0.406	0.580	1	EPA 7196A	12/04/2014 18:41	12/05/2014 13:12	SC

Corrosivity

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
	pH	12.0	HT-pH	pH units		0.500	1	EPA 9045D	12/03/2014 11:39	12/04/2014 13:18	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/05/2014 09:57	12/05/2014 15:05	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	48.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/05/2014 10:01	12/05/2014 15:45	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	12/01/2014 17:20	12/02/2014 13:58	KK

Sample Information

Client Sample ID: D1 Grab (6-9)

York Sample ID: 14K0925-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:10 am

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: D1 Grab (6-9)

York Sample ID: 14K0925-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:10 am

11/25/2014

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	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	220	440	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
110-82-7	Cyclohexane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
591-78-6	2-Hexanone	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
67-64-1	Acetone	ND		ug/kg dry	11	22	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
107-02-8	Acrolein	ND		ug/kg dry	11	22	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
71-43-2	Benzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
75-25-2	Bromoform	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
67-66-3	Chloroform	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK



Sample Information

Client Sample ID: D1 Grab (6-9)

York Sample ID: 14K0925-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:10 am

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
79-20-9	Methyl acetate	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
75-09-2	Methylene chloride	ND		ug/kg dry	11	22	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	22	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
100-42-5	Styrene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	11	22	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
108-88-3	Toluene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	17	33	1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	98.0 %	76-130								
2037-26-5	Surrogate: Toluene-d8	104 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: D1 Grab (6-9)

York Sample ID: 14K0925-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:10 am

11/25/2014

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
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	12/02/2014 08:55	12/02/2014 16:16	BK

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.4		%	0.100	0.100	1	SM 2540G	12/03/2014 13:45	12/03/2014 19:24	SCA

Sample Information

Client Sample ID: D1 Comp (9-12)

York Sample ID: 14K0925-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:15 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
98-86-2	Acetophenone	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
120-12-7	Anthracene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
1912-24-9	Atrazine	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
92-87-5	Benzidine	ND		ug/kg dry	151	303	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
65-85-0	Benzoic acid	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
105-60-2	Caprolactam	ND		ug/kg dry	75.6	151	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
86-74-8	Carbazole	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR



Sample Information

Client Sample ID: D1 Comp (9-12)

York Sample ID: 14K0925-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:15 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
218-01-9	Chrysene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	75.6	151	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	75.6	151	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
206-44-0	Fluoranthene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
86-73-7	Fluorene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
78-59-1	Isophorone	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR



Sample Information

Client Sample ID: D1 Comp (9-12)

York Sample ID: 14K0925-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:15 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
91-20-3	Naphthalene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	75.6	151	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	75.6	151	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	75.6	151	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	75.6	151	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
85-01-8	Phenanthrene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
108-95-2	Phenol	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
129-00-0	Pyrene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	37.9	75.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	13.8 %	10-99								
4165-62-2	Surrogate: Phenol-d5	36.1 %	10-108								
4165-60-0	Surrogate: Nitrobenzene-d5	11.9 %	10-119								
321-60-8	Surrogate: 2-Fluorobiphenyl	32.7 %	10-114								
118-79-6	Surrogate: 2,4,6-Tribromophenol	25.3 %	10-106								
1718-51-0	Surrogate: Terphenyl-d14	51.9 %	10-123								

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:13	SR



Sample Information

Client Sample ID: D1 Comp (9-12)

York Sample ID: 14K0925-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:15 am

11/25/2014

Pesticides, NJDEP/TCL/Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.98	7.98	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
72-20-8	Endrin	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.99	1.99	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.97	9.97	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
8001-35-2	Toxaphene	ND		ug/kg dry	101	101	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:30	JW
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	67.0 %	30-140								
877-09-8	Surrogate: Tetrachloro-m-xylene	78.5 %	30-140								



Sample Information

Client Sample ID: D1 Comp (9-12)

York Sample ID: 14K0925-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:15 am

11/25/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	12/01/2014 17:00	12/02/2014 14:32	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	12/01/2014 17:00	12/02/2014 14:32	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	12/01/2014 17:00	12/02/2014 14:32	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	12/01/2014 17:00	12/02/2014 14:32	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	12/01/2014 17:00	12/02/2014 14:32	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	12/01/2014 17:00	12/02/2014 14:32	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	12/01/2014 17:00	12/02/2014 14:32	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0201	0.0201	1	EPA 8082A	12/01/2014 17:00	12/02/2014 14:32	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	85.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	63.5 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	60.4	60.4	1	NJDEP EPH Rev 3.0	12/01/2014 14:00	12/02/2014 18:01	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	45.2 %		40-140							
84-15-1	Surrogate: o-Terphenyl	44.2 %		40-140							

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	8930		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW
7440-36-0	Antimony	ND		mg/kg dry	0.604	0.604	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW
7440-38-2	Arsenic	3.34		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW
7440-39-3	Barium	42.2		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.121	0.121	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.363	0.363	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW
7440-70-2	Calcium	3150		mg/kg dry	0.604	6.04	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW
7440-47-3	Chromium	13.9		mg/kg dry	0.604	0.604	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW
7440-48-4	Cobalt	6.99		mg/kg dry	0.604	0.604	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW
7440-50-8	Copper	14.7		mg/kg dry	0.604	0.604	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW
7439-89-6	Iron	17200		mg/kg dry	2.42	2.42	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW
7439-92-1	Lead	9.73		mg/kg dry	0.363	0.363	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW



Sample Information

Client Sample ID: D1 Comp (9-12)

York Sample ID: 14K0925-07

York Project (SDG) No.

14K0925

Client Project ID

Grid Section D1 25 Kent Avenue Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 25, 2014 10:15 am

Date Received

11/25/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	2350		mg/kg dry	6.04	6.04	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW
7439-96-5	Manganese	263		mg/kg dry	0.604	0.604	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW
7440-02-0	Nickel	14.5		mg/kg dry	0.604	0.604	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW
7440-09-7	Potassium	1170		mg/kg dry	6.04	6.04	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW
7782-49-2	Selenium	4.94		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW
7440-22-4	Silver	ND		mg/kg dry	0.604	0.604	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW
7440-23-5	Sodium	139		mg/kg dry	12.1	12.1	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW
7440-28-0	Thallium	ND		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW
7440-62-2	Vanadium	26.7		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW
7440-66-6	Zinc	31.4		mg/kg dry	1.21	1.21	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:03	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:27	MW
7440-39-3	Barium	0.365		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:27	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:27	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:27	MW
7439-92-1	Lead	0.006		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:27	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:27	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:27	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0363	0.0363	1	EPA 7473	11/26/2014 10:51	11/26/2014 16:34	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	12/02/2014 10:30	12/02/2014 17:35	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	12/03/2014 11:48	12/04/2014 15:32	AA



Sample Information

Client Sample ID: D1 Comp (9-12)

York Sample ID: 14K0925-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:15 am

11/25/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.7		%	0.100	0.100	1	SM 2540G	12/03/2014 13:45	12/03/2014 19:24	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	0.423	0.604	1	EPA 7196A	12/04/2014 18:41	12/05/2014 13:12	SC

Corrosivity

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
	pH	9.54	HT-pH	pH units		0.500	1	EPA 9045D	12/03/2014 11:39	12/04/2014 13:18	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/05/2014 09:57	12/05/2014 15:05	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	64.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/05/2014 10:01	12/05/2014 15:45	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	12/01/2014 17:20	12/02/2014 13:58	KK

Sample Information

Client Sample ID: D1 Grab (9-12)

York Sample ID: 14K0925-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:16 am

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: D1 Grab (9-12)

York Sample ID: 14K0925-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:16 am

11/25/2014

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	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	230	460	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
110-82-7	Cyclohexane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
591-78-6	2-Hexanone	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
67-64-1	Acetone	26	Cal-E, CCV-E	ug/kg dry	11	23	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
107-02-8	Acrolein	ND		ug/kg dry	11	23	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
71-43-2	Benzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
75-25-2	Bromoform	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
67-66-3	Chloroform	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK



Sample Information

Client Sample ID: D1 Grab (9-12)

York Sample ID: 14K0925-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:16 am

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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
74-87-3	Chloromethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
79-20-9	Methyl acetate	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
75-09-2	Methylene chloride	ND		ug/kg dry	11	23	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	23	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
100-42-5	Styrene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	11	23	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
108-88-3	Toluene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	17	34	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	102 %	76-130								
2037-26-5	Surrogate: Toluene-d8	99.4 %	85-120								



Sample Information

Client Sample ID: D1 Grab (9-12)

York Sample ID: 14K0925-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:16 am

11/25/2014

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:00	BK

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.9		%	0.100	0.100	1	SM 2540G	12/03/2014 13:45	12/03/2014 19:24	SCA

Sample Information

Client Sample ID: D1 Comp (12-15)

York Sample ID: 14K0925-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:20 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
98-86-2	Acetophenone	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
120-12-7	Anthracene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
1912-24-9	Atrazine	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
92-87-5	Benzidine	ND		ug/kg dry	155	311	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
65-85-0	Benzoic acid	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
105-60-2	Caprolactam	ND		ug/kg dry	77.6	155	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
86-74-8	Carbazole	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR



Sample Information

Client Sample ID: D1 Comp (12-15)

York Sample ID: 14K0925-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:20 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
218-01-9	Chrysene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	77.6	155	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	77.6	155	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
206-44-0	Fluoranthene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
86-73-7	Fluorene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
78-59-1	Isophorone	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR



Sample Information

Client Sample ID: D1 Comp (12-15)

York Sample ID: 14K0925-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:20 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
91-20-3	Naphthalene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	77.6	155	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	77.6	155	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	77.6	155	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	77.6	155	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
85-01-8	Phenanthrene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
108-95-2	Phenol	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
129-00-0	Pyrene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	38.9	77.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	14.1 %			10-99
4165-62-2	Surrogate: Phenol-d5	33.2 %			10-108
4165-60-0	Surrogate: Nitrobenzene-d5	6.30 %	S-08		10-119
321-60-8	Surrogate: 2-Fluorobiphenyl	29.6 %			10-114
118-79-6	Surrogate: 2,4,6-Tribromophenol	26.0 %			10-106
1718-51-0	Surrogate: Terphenyl-d14	50.3 %			10-123

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 18:44	SR



Sample Information

Client Sample ID: D1 Comp (12-15)

York Sample ID: 14K0925-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:20 am

11/25/2014

Pesticides, NJDEP/TCL/Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	2.05	2.05	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.05	2.05	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.05	2.05	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.05	2.05	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.05	2.05	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.05	2.05	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.05	2.05	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.18	8.18	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.05	2.05	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.05	2.05	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.05	2.05	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.05	2.05	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.05	2.05	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.05	2.05	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.05	2.05	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
72-20-8	Endrin	ND		ug/kg dry	2.05	2.05	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.05	2.05	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.05	2.05	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.05	2.05	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.05	2.05	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.2	10.2	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
8001-35-2	Toxaphene	ND		ug/kg dry	104	104	5	EPA 8081B	12/01/2014 17:00	12/02/2014 10:46	JW
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	66.7 %	30-140								
877-09-8	Surrogate: Tetrachloro-m-xylene	69.9 %	30-140								



Sample Information

Client Sample ID: D1 Comp (12-15)

York Sample ID: 14K0925-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:20 am

11/25/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0207	0.0207	1	EPA 8082A	12/01/2014 17:00	12/02/2014 15:01	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0207	0.0207	1	EPA 8082A	12/01/2014 17:00	12/02/2014 15:01	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0207	0.0207	1	EPA 8082A	12/01/2014 17:00	12/02/2014 15:01	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0207	0.0207	1	EPA 8082A	12/01/2014 17:00	12/02/2014 15:01	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0207	0.0207	1	EPA 8082A	12/01/2014 17:00	12/02/2014 15:01	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0207	0.0207	1	EPA 8082A	12/01/2014 17:00	12/02/2014 15:01	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0207	0.0207	1	EPA 8082A	12/01/2014 17:00	12/02/2014 15:01	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0207	0.0207	1	EPA 8082A	12/01/2014 17:00	12/02/2014 15:01	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	72.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	55.5 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	62.0	62.0	1	NJDEP EPH Rev 3.0	12/01/2014 14:00	12/02/2014 18:29	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	43.5 %		40-140							
84-15-1	Surrogate: o-Terphenyl	42.4 %		40-140							

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	3570		mg/kg dry	1.24	1.24	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW
7440-36-0	Antimony	ND		mg/kg dry	0.620	0.620	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW
7440-38-2	Arsenic	1.54		mg/kg dry	1.24	1.24	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW
7440-39-3	Barium	23.7		mg/kg dry	1.24	1.24	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.124	0.124	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.372	0.372	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW
7440-70-2	Calcium	2570		mg/kg dry	0.620	6.20	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW
7440-47-3	Chromium	10.1		mg/kg dry	0.620	0.620	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW
7440-48-4	Cobalt	4.49		mg/kg dry	0.620	0.620	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW
7440-50-8	Copper	6.79		mg/kg dry	0.620	0.620	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW
7439-89-6	Iron	11900		mg/kg dry	2.48	2.48	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW
7439-92-1	Lead	2.93		mg/kg dry	0.372	0.372	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW



Sample Information

Client Sample ID: D1 Comp (12-15)

York Sample ID: 14K0925-09

York Project (SDG) No.

14K0925

Client Project ID

Grid Section D1 25 Kent Avenue Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 25, 2014 10:20 am

Date Received

11/25/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	1140		mg/kg dry	6.20	6.20	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW
7439-96-5	Manganese	113		mg/kg dry	0.620	0.620	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW
7440-02-0	Nickel	8.46		mg/kg dry	0.620	0.620	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW
7440-09-7	Potassium	625		mg/kg dry	6.20	6.20	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW
7782-49-2	Selenium	2.94		mg/kg dry	1.24	1.24	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW
7440-22-4	Silver	ND		mg/kg dry	0.620	0.620	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW
7440-23-5	Sodium	81.1		mg/kg dry	12.4	12.4	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW
7440-28-0	Thallium	ND		mg/kg dry	1.24	1.24	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW
7440-62-2	Vanadium	28.3		mg/kg dry	1.24	1.24	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW
7440-66-6	Zinc	17.3		mg/kg dry	1.24	1.24	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:07	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:32	MW
7440-39-3	Barium	0.482		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:32	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:32	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:32	MW
7439-92-1	Lead	0.015		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:32	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:32	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:32	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0372	0.0372	1	EPA 7473	11/26/2014 10:51	11/26/2014 16:43	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	12/02/2014 10:30	12/02/2014 17:35	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	12/03/2014 11:48	12/04/2014 15:32	AA



Sample Information

Client Sample ID: D1 Comp (12-15)

York Sample ID: 14K0925-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:20 am

11/25/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	80.7		%	0.100	0.100	1	SM 2540G	12/03/2014 13:45	12/03/2014 19:24	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	0.434	0.620	1	EPA 7196A	12/04/2014 18:41	12/05/2014 13:12	SC

Corrosivity

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
	pH	9.01	HT-pH	pH units		0.500	1	EPA 9045D	12/03/2014 11:39	12/04/2014 13:18	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/05/2014 09:57	12/05/2014 15:05	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	56.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/05/2014 10:01	12/05/2014 15:45	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	12/01/2014 17:20	12/02/2014 13:58	KK

Sample Information

Client Sample ID: D1 Grab (12-15)

York Sample ID: 14K0925-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:27 am

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: D1 Grab (12-15)

York Sample ID: 14K0925-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:27 am

11/25/2014

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	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	240	470	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
110-82-7	Cyclohexane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
591-78-6	2-Hexanone	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
67-64-1	Acetone	23	J, Cal-E, CCV-E	ug/kg dry	12	24	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
107-02-8	Acrolein	ND		ug/kg dry	12	24	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
71-43-2	Benzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
75-25-2	Bromoform	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
67-66-3	Chloroform	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK



Sample Information

Client Sample ID: D1 Grab (12-15)

York Sample ID: 14K0925-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:27 am

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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
74-87-3	Chloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
79-20-9	Methyl acetate	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
75-09-2	Methylene chloride	ND		ug/kg dry	12	24	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	24	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
100-42-5	Styrene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	12	24	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
108-88-3	Toluene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	18	35	1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK

Surrogate Recoveries		Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.4 %	77-125
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	76-130
2037-26-5	Surrogate: Toluene-d8	102 %	85-120



Sample Information

Client Sample ID: D1 Grab (12-15)

York Sample ID: 14K0925-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:27 am

11/25/2014

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	12/02/2014 08:55	12/02/2014 17:43	BK

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.9		%	0.100	0.100	1	SM 2540G	12/03/2014 13:45	12/03/2014 19:24	SCA

Sample Information

Client Sample ID: D1 Comp (15-18)

York Sample ID: 14K0925-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:30 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
98-86-2	Acetophenone	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
120-12-7	Anthracene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
1912-24-9	Atrazine	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
92-87-5	Benzidine	ND		ug/kg dry	169	338	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
65-85-0	Benzoic acid	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
105-60-2	Caprolactam	ND		ug/kg dry	84.3	168	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
86-74-8	Carbazole	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH



Sample Information

Client Sample ID: D1 Comp (15-18)

York Sample ID: 14K0925-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:30 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
218-01-9	Chrysene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	84.3	168	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	84.3	168	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
206-44-0	Fluoranthene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
86-73-7	Fluorene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
78-59-1	Isophorone	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH



Sample Information

Client Sample ID: D1 Comp (15-18)

York Sample ID: 14K0925-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:30 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
91-20-3	Naphthalene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	84.3	168	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	84.3	168	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	84.3	168	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	84.3	168	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
85-01-8	Phenanthrene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
108-95-2	Phenol	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
129-00-0	Pyrene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	42.2	84.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	29.6 %
4165-62-2	Surrogate: Phenol-d5	60.3 %
4165-60-0	Surrogate: Nitrobenzene-d5	20.9 %
321-60-8	Surrogate: 2-Fluorobiphenyl	61.2 %
118-79-6	Surrogate: 2,4,6-Tribromophenol	68.4 %
1718-51-0	Surrogate: Terphenyl-d14	87.5 %

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 13:46	KH



Sample Information

Client Sample ID: D1 Comp (15-18)

York Sample ID: 14K0925-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:30 am

11/25/2014

Pesticides, NJDEP/TCL/Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	2.22	2.22	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.22	2.22	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.22	2.22	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.22	2.22	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.22	2.22	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.22	2.22	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.22	2.22	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.89	8.89	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.22	2.22	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.22	2.22	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.22	2.22	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.22	2.22	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.22	2.22	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.22	2.22	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.22	2.22	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
72-20-8	Endrin	ND		ug/kg dry	2.22	2.22	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.22	2.22	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.22	2.22	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.22	2.22	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.22	2.22	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
72-43-5	Methoxychlor	ND		ug/kg dry	11.1	11.1	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
8001-35-2	Toxaphene	ND		ug/kg dry	113	113	5	EPA 8081B	12/01/2014 17:00	12/02/2014 11:02	JW
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	61.8 %	30-140								
877-09-8	Surrogate: Tetrachloro-m-xylene	70.5 %	30-140								



Sample Information

Client Sample ID: D1 Comp (15-18)

York Sample ID: 14K0925-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:30 am

11/25/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0225	0.0225	1	EPA 8082A	12/01/2014 17:00	12/02/2014 15:30	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0225	0.0225	1	EPA 8082A	12/01/2014 17:00	12/02/2014 15:30	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0225	0.0225	1	EPA 8082A	12/01/2014 17:00	12/02/2014 15:30	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0225	0.0225	1	EPA 8082A	12/01/2014 17:00	12/02/2014 15:30	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0225	0.0225	1	EPA 8082A	12/01/2014 17:00	12/02/2014 15:30	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0225	0.0225	1	EPA 8082A	12/01/2014 17:00	12/02/2014 15:30	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0225	0.0225	1	EPA 8082A	12/01/2014 17:00	12/02/2014 15:30	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0225	0.0225	1	EPA 8082A	12/01/2014 17:00	12/02/2014 15:30	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	71.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	54.5 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	67.4	67.4	1	NJDEP EPH Rev 3.0	12/01/2014 14:00	12/02/2014 18:57	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	45.2 %		40-140							
84-15-1	Surrogate: o-Terphenyl	43.8 %		40-140							

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	13000		mg/kg dry	1.35	1.35	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW
7440-36-0	Antimony	ND		mg/kg dry	0.674	0.674	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW
7440-38-2	Arsenic	3.48		mg/kg dry	1.35	1.35	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW
7440-39-3	Barium	56.6		mg/kg dry	1.35	1.35	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.135	0.135	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.404	0.404	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW
7440-70-2	Calcium	2690		mg/kg dry	0.674	6.74	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW
7440-47-3	Chromium	14.9		mg/kg dry	0.674	0.674	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW
7440-48-4	Cobalt	7.66		mg/kg dry	0.674	0.674	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW
7440-50-8	Copper	11.0		mg/kg dry	0.674	0.674	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW
7439-89-6	Iron	15400		mg/kg dry	2.70	2.70	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW
7439-92-1	Lead	11.1		mg/kg dry	0.404	0.404	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW



Sample Information

Client Sample ID: D1 Comp (15-18)

York Sample ID: 14K0925-11

York Project (SDG) No.

14K0925

Client Project ID

Grid Section D1 25 Kent Avenue Brooklyn, NY

Matrix

Soil

Collection Date/Time

November 25, 2014 10:30 am

Date Received

11/25/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	2220		mg/kg dry	6.74	6.74	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW
7439-96-5	Manganese	265		mg/kg dry	0.674	0.674	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW
7440-02-0	Nickel	15.3		mg/kg dry	0.674	0.674	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW
7440-09-7	Potassium	610		mg/kg dry	6.74	6.74	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW
7782-49-2	Selenium	5.45		mg/kg dry	1.35	1.35	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW
7440-22-4	Silver	ND		mg/kg dry	0.674	0.674	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW
7440-23-5	Sodium	140		mg/kg dry	13.5	13.5	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW
7440-28-0	Thallium	ND		mg/kg dry	1.35	1.35	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW
7440-62-2	Vanadium	20.3		mg/kg dry	1.35	1.35	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW
7440-66-6	Zinc	32.9		mg/kg dry	1.35	1.35	1	EPA 6010C	12/03/2014 14:04	12/03/2014 19:25	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:38	MW
7440-39-3	Barium	0.186		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:38	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:38	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:38	MW
7439-92-1	Lead	0.006		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:38	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:38	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 04:38	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0455		mg/kg dry	0.0404	0.0404	1	EPA 7473	11/26/2014 10:51	11/26/2014 16:52	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	12/02/2014 10:30	12/02/2014 17:35	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	12/03/2014 11:48	12/04/2014 15:32	AA



Sample Information

Client Sample ID: D1 Comp (15-18)

York Sample ID: 14K0925-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:30 am

11/25/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	74.2		%	0.100	0.100	1	SM 2540G	12/03/2014 13:45	12/03/2014 19:24	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	0.472	0.674	1	EPA 7196A	12/04/2014 18:41	12/05/2014 13:12	SC

Corrosivity

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
	pH	7.81	HT-pH	pH units		0.500	1	EPA 9045D	12/03/2014 11:39	12/04/2014 13:18	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/05/2014 09:57	12/05/2014 15:05	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	56.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/05/2014 10:01	12/05/2014 15:45	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	12/01/2014 17:20	12/02/2014 13:58	KK

Sample Information

Client Sample ID: D1 Grab (15-18)

York Sample ID: 14K0925-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:35 am

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: D1 Grab (15-18)

York Sample ID: 14K0925-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:35 am

11/25/2014

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	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	240	480	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
110-82-7	Cyclohexane	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
78-93-3	2-Butanone	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
591-78-6	2-Hexanone	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
67-64-1	Acetone	25	Cal-E, CCV-E	ug/kg dry	12	24	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
107-02-8	Acrolein	ND		ug/kg dry	12	24	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
71-43-2	Benzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
75-25-2	Bromoform	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
74-83-9	Bromomethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
75-00-3	Chloroethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
67-66-3	Chloroform	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK



Sample Information

Client Sample ID: D1 Grab (15-18)

York Sample ID: 14K0925-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:35 am

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

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
74-87-3	Chloromethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
74-95-3	Dibromomethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
79-20-9	Methyl acetate	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
75-09-2	Methylene chloride	ND		ug/kg dry	12	24	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
95-47-6	o-Xylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	24	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
100-42-5	Styrene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	12	24	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
108-88-3	Toluene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.0	12	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	18	36	1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	96.2 %	76-130								
2037-26-5	Surrogate: Toluene-d8	100 %	85-120								



Sample Information

Client Sample ID: D1 Grab (15-18)

York Sample ID: 14K0925-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0925

Grid Section D1 25 Kent Avenue Brooklyn, NY

Soil

November 25, 2014 10:35 am

11/25/2014

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	12/02/2014 08:55	12/02/2014 18:27	BK

Total Solids

Log-in Notes: VOA-CONT

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	83.7		%	0.100	0.100	1	SM 2540G	12/03/2014 13:45	12/03/2014 19:24	SCA



Analytical Batch Summary

Batch ID: BK41260

Preparation Method: EPA 7473 soil

Prepared By: ALD

YORK Sample ID	Client Sample ID	Preparation Date
14K0925-01	D1 Comp (0-3)	11/26/14
14K0925-03	D1 Comp (3-6)	11/26/14
14K0925-05	D1 Comp (6-9)	11/26/14
14K0925-07	D1 Comp (9-12)	11/26/14
14K0925-09	D1 Comp (12-15)	11/26/14
14K0925-11	D1 Comp (15-18)	11/26/14
BK41260-BLK1	Blank	11/26/14
BK41260-SRM1	Reference	11/26/14

Batch ID: BL40001

Preparation Method: EPA 3545A

Prepared By: SA

YORK Sample ID	Client Sample ID	Preparation Date
14K0925-01	D1 Comp (0-3)	12/01/14
14K0925-03	D1 Comp (3-6)	12/01/14
14K0925-05	D1 Comp (6-9)	12/01/14
14K0925-07	D1 Comp (9-12)	12/01/14
14K0925-09	D1 Comp (12-15)	12/01/14
14K0925-11	D1 Comp (15-18)	12/01/14
BL40001-BLK1	Blank	12/01/14
BL40001-BS1	LCS	12/01/14
BL40001-BSD1	LCS Dup	12/01/14

Batch ID: BL40035

Preparation Method: Analysis Preparation

Prepared By: AA

YORK Sample ID	Client Sample ID	Preparation Date
14K0925-01	D1 Comp (0-3)	12/01/14

Batch ID: BL40041

Preparation Method: EPA 3545A

Prepared By: DB

YORK Sample ID	Client Sample ID	Preparation Date
14K0925-01	D1 Comp (0-3)	12/01/14
14K0925-03	D1 Comp (3-6)	12/01/14
14K0925-05	D1 Comp (6-9)	12/01/14
14K0925-07	D1 Comp (9-12)	12/01/14
14K0925-09	D1 Comp (12-15)	12/01/14
14K0925-11	D1 Comp (15-18)	12/01/14
BL40041-BLK1	Blank	12/01/14
BL40041-BS1	LCS	12/01/14
BL40041-BSD1	LCS Dup	12/01/14

Batch ID: BL40042

Preparation Method: EPA 3550C

Prepared By: SA

YORK Sample ID	Client Sample ID	Preparation Date



14K0925-01	D1 Comp (0-3)	12/01/14
14K0925-01	D1 Comp (0-3)	12/01/14
14K0925-03	D1 Comp (3-6)	12/01/14
14K0925-03	D1 Comp (3-6)	12/01/14
14K0925-05	D1 Comp (6-9)	12/01/14
14K0925-05	D1 Comp (6-9)	12/01/14
14K0925-07	D1 Comp (9-12)	12/01/14
14K0925-07	D1 Comp (9-12)	12/01/14
14K0925-09	D1 Comp (12-15)	12/01/14
14K0925-09	D1 Comp (12-15)	12/01/14
14K0925-11	D1 Comp (15-18)	12/01/14
14K0925-11	D1 Comp (15-18)	12/01/14
BL40042-BLK1	Blank	12/01/14
BL40042-BLK1	Blank	12/01/14
BL40042-BS1	LCS	12/01/14
BL40042-BS2	LCS	12/01/14
BL40042-BSD1	LCS Dup	12/01/14
BL40042-MS1	Matrix Spike	12/01/14

Batch ID: BL40067 **Preparation Method:** EPA SW 846-1311 TCLP ext. for met **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
14K0925-01	D1 Comp (0-3)	12/01/14
14K0925-03	D1 Comp (3-6)	12/01/14
14K0925-05	D1 Comp (6-9)	12/01/14
14K0925-07	D1 Comp (9-12)	12/01/14
14K0925-09	D1 Comp (12-15)	12/01/14
14K0925-11	D1 Comp (15-18)	12/01/14
BL40067-BLK1	Blank	12/01/14

Batch ID: BL40096 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14K0925-01	D1 Comp (0-3)	12/02/14
14K0925-03	D1 Comp (3-6)	12/02/14
14K0925-05	D1 Comp (6-9)	12/02/14
14K0925-07	D1 Comp (9-12)	12/02/14
14K0925-09	D1 Comp (12-15)	12/02/14
14K0925-11	D1 Comp (15-18)	12/02/14
BL40096-BLK1	Blank	12/02/14
BL40096-SRM1	Reference	12/02/14

Batch ID: BL40112 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14K0925-02	D1 Grab (0-3)	12/02/14
14K0925-04	D1 Grab (3-6)	12/02/14
14K0925-06	D1 Grab (6-9)	12/02/14
14K0925-08	D1 Grab (9-12)	12/02/14
14K0925-10	D1 Grab (12-15)	12/02/14
14K0925-12	D1 Grab (15-18)	12/02/14



BL40112-BLK1	Blank	12/02/14
BL40112-BS1	LCS	12/02/14
BL40112-BSD1	LCS Dup	12/02/14
BL40112-DUP1	Duplicate	12/02/14
BL40112-MS1	Matrix Spike	12/02/14

Batch ID: BL40185 **Preparation Method:** Analysis Preparation **Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
14K0925-01	D1 Comp (0-3)	12/03/14
14K0925-03	D1 Comp (3-6)	12/03/14
14K0925-05	D1 Comp (6-9)	12/03/14
14K0925-07	D1 Comp (9-12)	12/03/14
14K0925-09	D1 Comp (12-15)	12/03/14
14K0925-11	D1 Comp (15-18)	12/03/14

Batch ID: BL40189 **Preparation Method:** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14K0925-01	D1 Comp (0-3)	12/03/14
14K0925-03	D1 Comp (3-6)	12/03/14
14K0925-05	D1 Comp (6-9)	12/03/14
14K0925-07	D1 Comp (9-12)	12/03/14
14K0925-09	D1 Comp (12-15)	12/03/14
14K0925-11	D1 Comp (15-18)	12/03/14

Batch ID: BL40201 **Preparation Method:** % Solids Prep **Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
14K0925-02	D1 Grab (0-3)	12/03/14
14K0925-03	D1 Comp (3-6)	12/03/14
14K0925-04	D1 Grab (3-6)	12/03/14
14K0925-05	D1 Comp (6-9)	12/03/14
14K0925-06	D1 Grab (6-9)	12/03/14
14K0925-07	D1 Comp (9-12)	12/03/14
14K0925-08	D1 Grab (9-12)	12/03/14
14K0925-09	D1 Comp (12-15)	12/03/14
14K0925-10	D1 Grab (12-15)	12/03/14
14K0925-11	D1 Comp (15-18)	12/03/14
14K0925-12	D1 Grab (15-18)	12/03/14

Batch ID: BL40205 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14K0925-01	D1 Comp (0-3)	12/03/14
14K0925-03	D1 Comp (3-6)	12/03/14
14K0925-05	D1 Comp (6-9)	12/03/14
14K0925-07	D1 Comp (9-12)	12/03/14
14K0925-09	D1 Comp (12-15)	12/03/14



14K0925-11	D1 Comp (15-18)	12/03/14
BL40205-BLK1	Blank	12/03/14
BL40205-DUP1	Duplicate	12/03/14
BL40205-MS1	Matrix Spike	12/03/14
BL40205-SRM1	Reference	12/03/14

Batch ID: BL40209 **Preparation Method:** EPA 3010A/1311 **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14K0925-01	D1 Comp (0-3)	12/03/14
14K0925-03	D1 Comp (3-6)	12/03/14
14K0925-05	D1 Comp (6-9)	12/03/14
14K0925-07	D1 Comp (9-12)	12/03/14
14K0925-09	D1 Comp (12-15)	12/03/14
14K0925-11	D1 Comp (15-18)	12/03/14
BL40209-BLK1	Blank	12/03/14
BL40209-BLK2	Blank	12/03/14
BL40209-SRM1	Reference	12/03/14

Batch ID: BL40256 **Preparation Method:** % Solids Prep **Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
14K0925-01	D1 Comp (0-3)	12/04/14

Batch ID: BL40302 **Preparation Method:** EPA SW846-3060 **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
14K0925-01	D1 Comp (0-3)	12/04/14
14K0925-03	D1 Comp (3-6)	12/04/14
14K0925-05	D1 Comp (6-9)	12/04/14
14K0925-07	D1 Comp (9-12)	12/04/14
14K0925-09	D1 Comp (12-15)	12/04/14
14K0925-11	D1 Comp (15-18)	12/04/14
BL40302-BLK1	Blank	12/04/14
BL40302-SRM1	Reference	12/04/14

Batch ID: BL40328 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
14K0925-01	D1 Comp (0-3)	12/05/14
14K0925-03	D1 Comp (3-6)	12/05/14
14K0925-05	D1 Comp (6-9)	12/05/14
14K0925-07	D1 Comp (9-12)	12/05/14
14K0925-09	D1 Comp (12-15)	12/05/14
14K0925-11	D1 Comp (15-18)	12/05/14
BL40328-BLK1	Blank	12/05/14

Batch ID: BL40329 **Preparation Method:** Analysis Preparation **Prepared By:** AD



YORK Sample ID	Client Sample ID	Preparation Date
14K0925-01	D1 Comp (0-3)	12/05/14
14K0925-03	D1 Comp (3-6)	12/05/14
14K0925-05	D1 Comp (6-9)	12/05/14
14K0925-07	D1 Comp (9-12)	12/05/14
14K0925-09	D1 Comp (12-15)	12/05/14
14K0925-11	D1 Comp (15-18)	12/05/14
BL40329-BLK1	Blank	12/05/14
BL40329-BS1	LCS	12/05/14



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BL40112 - EPA 5035A

Blank (BL40112-BLK1)

Prepared & Analyzed: 12/02/2014

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet
Tentatively Identified Compounds	0.0		"
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	"
Bromochloromethane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
1,4-Dioxane	ND	100	"
Cyclohexane	ND	5.0	"
2-Butanone	ND	5.0	"
2-Hexanone	ND	5.0	"
4-Methyl-2-pentanone	ND	5.0	"
Acetone	ND	10	"
Acrolein	ND	10	"
Acrylonitrile	ND	5.0	"
Benzene	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"
Carbon disulfide	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	5.0	"
cis-1,2-Dichloroethylene	ND	5.0	"
cis-1,3-Dichloropropylene	ND	5.0	"
Dibromochloromethane	ND	5.0	"
Dibromomethane	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
Ethyl Benzene	ND	5.0	"
Methylcyclohexane	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl acetate	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylene chloride	ND	10	"
n-Butylbenzene	ND	5.0	"
1,2,3-Trichlorobenzene	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 BL40112 - EPA 5035A

Blank (BL40112-BLK1)

Prepared & Analyzed: 12/02/2014

n-Propylbenzene	ND	5.0	ug/kg wet
o-Xylene	ND	5.0	"
p- & m- Xylenes	ND	10	"
p-Isopropyltoluene	ND	5.0	"
sec-Butylbenzene	ND	5.0	"
Styrene	ND	5.0	"
tert-Butyl alcohol (TBA)	ND	5.0	"
tert-Butylbenzene	ND	5.0	"
Tetrachloroethylene	ND	5.0	"
Toluene	ND	5.0	"
trans-1,2-Dichloroethylene	ND	5.0	"
trans-1,3-Dichloropropylene	ND	5.0	"
Trichloroethylene	ND	5.0	"
Trichlorofluoromethane	ND	5.0	"
Vinyl Chloride	ND	5.0	"
Xylenes, Total	ND	15	"

Surrogate: 1,2-Dichloroethane-d4	47.7	ug/L	50.0	95.4	77-125
Surrogate: p-Bromofluorobenzene	50.9	"	50.0	102	76-130
Surrogate: Toluene-d8	52.9	"	50.0	106	85-120

LCS (BL40112-BS1)

Prepared & Analyzed: 12/02/2014

1,1,1,2-Tetrachloroethane	56	ug/L	50.0	113	75-129	
1,1,1-Trichloroethane	54	"	50.0	109	71-137	
1,1,2,2-Tetrachloroethane	54	"	50.0	107	79-129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54	"	50.0	107	58-146	
1,1,2-Trichloroethane	58	"	50.0	116	83-123	
1,1-Dichloroethane	55	"	50.0	110	75-130	
1,1-Dichloroethylene	52	"	50.0	104	64-137	
Bromochloromethane	66	"	50.0	132	74-129	High Bias
1,2,4-Trichlorobenzene	57	"	50.0	113	80-141	
1,2,4-Trimethylbenzene	55	"	50.0	110	84-125	
1,2-Dibromo-3-chloropropane	59	"	50.0	119	74-142	
1,2-Dibromoethane	56	"	50.0	112	86-123	
1,2-Dichlorobenzene	53	"	50.0	107	85-122	
1,2-Dichloroethane	60	"	50.0	119	71-133	
1,2-Dichloropropane	53	"	50.0	107	81-122	
1,3,5-Trimethylbenzene	53	"	50.0	105	82-126	
1,3-Dichlorobenzene	54	"	50.0	107	84-124	
1,4-Dichlorobenzene	55	"	50.0	110	84-124	
1,4-Dioxane	1200	"	1000	115	10-228	
Cyclohexane	52	"	50.0	103	70-130	
2-Butanone	110	"	50.0	213	58-147	High Bias
2-Hexanone	73	"	50.0	146	70-139	High Bias
4-Methyl-2-pentanone	58	"	50.0	116	72-132	
Acetone	91	"	50.0	182	36-155	High Bias
Acrolein	140	"	50.0	274	10-238	High Bias
Acrylonitrile	62	"	50.0	123	66-141	
Benzene	55	"	50.0	111	77-127	
Bromodichloromethane	57	"	50.0	114	81-124	
Bromoform	57	"	50.0	115	80-136	
Bromomethane	52	"	50.0	104	32-177	
Carbon disulfide	52	"	50.0	104	10-136	



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 BL40112 - EPA 5035A

LCS (BL40112-BS1)

Prepared & Analyzed: 12/02/2014

Carbon tetrachloride	54		ug/L	50.0		109	66-143				
Chlorobenzene	57		"	50.0		115	86-120				
Chloroethane	53		"	50.0		105	51-142				
Chloroform	57		"	50.0		114	76-131				
Chloromethane	48		"	50.0		95.7	49-132				
cis-1,2-Dichloroethylene	50		"	50.0		99.3	74-132				
cis-1,3-Dichloropropylene	59		"	50.0		119	81-129				
Dibromochloromethane	58		"	50.0		116	10-200				
Dibromomethane	59		"	50.0		118	83-124				
Dichlorodifluoromethane	40		"	50.0		80.3	28-158				
Ethyl Benzene	56		"	50.0		113	84-125				
Methylcyclohexane	55		"	50.0		111	70-130				
Hexachlorobutadiene	56		"	50.0		112	83-133				
Isopropylbenzene	51		"	50.0		103	81-127				
Methyl acetate	56		"	50.0		113	41-143				
Methyl tert-butyl ether (MTBE)	57		"	50.0		114	74-131				
Methylene chloride	45		"	50.0		90.6	57-141				
n-Butylbenzene	54		"	50.0		109	80-130				
1,2,3-Trichlorobenzene	58		"	50.0		115	81-140				
n-Propylbenzene	53		"	50.0		107	74-136				
o-Xylene	58		"	50.0		117	83-123				
p- & m- Xylenes	120		"	100		117	82-128				
p-Isopropyltoluene	54		"	50.0		107	85-125				
sec-Butylbenzene	53		"	50.0		106	83-125				
Styrene	58		"	50.0		115	86-126				
tert-Butyl alcohol (TBA)	72		"	50.0		144	70-130	High Bias			
tert-Butylbenzene	54		"	50.0		108	80-127				
Tetrachloroethylene	61		"	50.0		122	80-129				
Toluene	56		"	50.0		113	85-121				
trans-1,2-Dichloroethylene	53		"	50.0		106	72-132				
trans-1,3-Dichloropropylene	60		"	50.0		119	78-132				
Trichloroethylene	56		"	50.0		111	84-123				
Trichlorofluoromethane	52		"	50.0		104	62-140				
Vinyl Chloride	49		"	50.0		98.9	52-130				
Surrogate: 1,2-Dichloroethane-d4	52.4		"	50.0		105	77-125				
Surrogate: p-Bromofluorobenzene	49.7		"	50.0		99.3	76-130				
Surrogate: Toluene-d8	51.3		"	50.0		103	85-120				



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 BL40112 - EPA 5035A											
LCS Dup (BL40112-BSD1)						Prepared & Analyzed: 12/02/2014					
1,1,1,2-Tetrachloroethane	56		ug/L	50.0		112	75-129		0.873	30	
1,1,1-Trichloroethane	56		"	50.0		113	71-137		3.97	30	
1,1,2,2-Tetrachloroethane	57		"	50.0		114	79-129		6.56	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		112	58-146		4.24	30	
1,1,2-Trichloroethane	56		"	50.0		112	83-123		3.58	30	
1,1-Dichloroethane	55		"	50.0		109	75-130		0.401	30	
1,1-Dichloroethylene	52		"	50.0		104	64-137		0.0768	30	
Bromochloromethane	69		"	50.0		137	74-129	High Bias	3.57	30	
1,2,4-Trichlorobenzene	53		"	50.0		107	80-141		6.05	30	
1,2,4-Trimethylbenzene	57		"	50.0		113	84-125		2.62	30	
1,2-Dibromo-3-chloropropane	59		"	50.0		118	74-142		0.830	30	
1,2-Dibromoethane	53		"	50.0		106	86-123		5.80	30	
1,2-Dichlorobenzene	56		"	50.0		112	85-122		4.67	30	
1,2-Dichloroethane	61		"	50.0		123	71-133		2.94	30	
1,2-Dichloropropane	54		"	50.0		109	81-122		1.89	30	
1,3,5-Trimethylbenzene	56		"	50.0		112	82-126		6.16	30	
1,3-Dichlorobenzene	54		"	50.0		108	84-124		0.465	30	
1,4-Dichlorobenzene	56		"	50.0		112	84-124		2.24	30	
1,4-Dioxane	1300		"	1000		127	10-228		9.85	30	
Cyclohexane	52		"	50.0		104	70-130		0.656	30	
2-Butanone	63		"	50.0		126	58-147		51.5	30	Non-dir.
2-Hexanone	50		"	50.0		99.4	70-139		38.3	30	Non-dir.
4-Methyl-2-pentanone	53		"	50.0		106	72-132		8.73	30	
Acetone	49		"	50.0		98.8	36-155		59.4	30	Non-dir.
Acrolein	160		"	50.0		316	10-238	High Bias	14.5	30	
Acrylonitrile	62		"	50.0		124	66-141		0.534	30	
Benzene	57		"	50.0		113	77-127		2.37	30	
Bromodichloromethane	57		"	50.0		114	81-124		0.334	30	
Bromoform	60		"	50.0		120	80-136		4.49	30	
Bromomethane	53		"	50.0		105	32-177		1.43	30	
Carbon disulfide	51		"	50.0		103	10-136		1.18	30	
Carbon tetrachloride	56		"	50.0		111	66-143		2.33	30	
Chlorobenzene	56		"	50.0		113	86-120		1.74	30	
Chloroethane	52		"	50.0		105	51-142		0.475	30	
Chloroform	59		"	50.0		117	76-131		2.90	30	
Chloromethane	48		"	50.0		95.3	49-132		0.335	30	
cis-1,2-Dichloroethylene	50		"	50.0		99.9	74-132		0.602	30	
cis-1,3-Dichloropropylene	58		"	50.0		116	81-129		2.26	30	
Dibromochloromethane	56		"	50.0		111	10-200		4.36	30	
Dibromomethane	58		"	50.0		116	83-124		1.08	30	
Dichlorodifluoromethane	42		"	50.0		83.7	28-158		4.05	30	
Ethyl Benzene	56		"	50.0		111	84-125		1.27	30	
Methylcyclohexane	54		"	50.0		108	70-130		2.51	30	
Hexachlorobutadiene	52		"	50.0		105	83-133		7.04	30	
Isopropylbenzene	56		"	50.0		112	81-127		8.77	30	
Methyl acetate	55		"	50.0		110	41-143		2.76	30	
Methyl tert-butyl ether (MTBE)	58		"	50.0		116	74-131		1.86	30	
Methylene chloride	46		"	50.0		92.3	57-141		1.84	30	
n-Butylbenzene	54		"	50.0		109	80-130		0.110	30	
1,2,3-Trichlorobenzene	53		"	50.0		107	81-140		7.52	30	
n-Propylbenzene	56		"	50.0		112	74-136		4.61	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	Limit	Flag

Batch BL40112 - EPA 5035A

LCS Dup (BL40112-BSD1)

Prepared & Analyzed: 12/02/2014

o-Xylene	55		ug/L	50.0		110	83-123		5.91	30	
p- & m- Xylenes	110		"	100		112	82-128		4.47	30	
p-Isopropyltoluene	54		"	50.0		108	85-125		0.354	30	
sec-Butylbenzene	56		"	50.0		112	83-125		5.70	30	
Styrene	55		"	50.0		110	86-126		4.60	30	
tert-Butyl alcohol (TBA)	64		"	50.0		128	70-130		11.4	30	
tert-Butylbenzene	58		"	50.0		117	80-127		8.07	30	
Tetrachloroethylene	50		"	50.0		99.4	80-129		20.5	30	
Toluene	54		"	50.0		108	85-121		4.81	30	
trans-1,2-Dichloroethylene	55		"	50.0		111	72-132		4.42	30	
trans-1,3-Dichloropropylene	59		"	50.0		118	78-132		1.35	30	
Trichloroethylene	55		"	50.0		110	84-123		1.16	30	
Trichlorofluoromethane	53		"	50.0		106	62-140		1.68	30	
Vinyl Chloride	49		"	50.0		97.9	52-130		0.955	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.7</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>77-125</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>51.5</i>		<i>"</i>	<i>50.0</i>		<i>103</i>	<i>76-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>49.6</i>		<i>"</i>	<i>50.0</i>		<i>99.3</i>	<i>85-120</i>				

Duplicate (BL40112-DUP1)

*Source sample: 14K0925-02 (D1 Grab (0-3))

Prepared & Analyzed: 12/02/2014

1,1,1,2-Tetrachloroethane	ND	12	ug/kg dry		ND					200	
1,1,1-Trichloroethane	ND	12	"		ND					200	
1,1,2,2-Tetrachloroethane	ND	12	"		ND					200	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	12	"		ND					200	
1,1,2-Trichloroethane	ND	12	"		ND					200	
1,1-Dichloroethane	ND	12	"		ND					200	
1,1-Dichloroethylene	ND	12	"		ND					200	
Bromochloromethane	ND	12	"		ND					200	
1,2,4-Trichlorobenzene	ND	12	"		ND					200	
1,2,4-Trimethylbenzene	ND	12	"		ND					200	
1,2-Dibromo-3-chloropropane	ND	12	"		ND					200	
1,2-Dibromoethane	ND	12	"		ND					200	
1,2-Dichlorobenzene	ND	12	"		ND					200	
1,2-Dichloroethane	ND	12	"		ND					200	
1,2-Dichloropropane	ND	12	"		ND					200	
1,3,5-Trimethylbenzene	ND	12	"		ND					200	
1,3-Dichlorobenzene	ND	12	"		ND					200	
1,4-Dichlorobenzene	ND	12	"		ND					200	
1,4-Dioxane	ND	240	"		ND					200	
Cyclohexane	ND	12	"		ND					200	
2-Butanone	ND	12	"		ND					200	
2-Hexanone	ND	12	"		ND					200	
4-Methyl-2-pentanone	ND	12	"		ND					200	
Acetone	ND	24	"		ND					200	
Acrolein	ND	24	"		ND					200	
Acrylonitrile	ND	12	"		ND					200	
Benzene	ND	12	"		ND					200	
Bromodichloromethane	ND	12	"		ND					200	
Bromoform	ND	12	"		ND					200	
Bromomethane	ND	12	"		ND					200	
Carbon disulfide	ND	12	"		ND					200	
Carbon tetrachloride	ND	12	"		ND					200	
Chlorobenzene	ND	12	"		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 BL40112 - EPA 5035A											
Duplicate (BL40112-DUP1)	*Source sample: 14K0925-02 (D1 Grab (0-3))						Prepared & Analyzed: 12/02/2014				
Chloroethane	ND	12	ug/kg dry		ND					200	
Chloroform	ND	12	"		ND					200	
Chloromethane	ND	12	"		ND					200	
cis-1,2-Dichloroethylene	ND	12	"		ND					200	
cis-1,3-Dichloropropylene	ND	12	"		ND					200	
Dibromochloromethane	ND	12	"		ND					200	
Dibromomethane	ND	12	"		ND					200	
Dichlorodifluoromethane	ND	12	"		ND					200	
Ethyl Benzene	ND	12	"		ND					200	
Methylcyclohexane	ND	12	"		ND					200	
Hexachlorobutadiene	ND	12	"		ND					200	
Isopropylbenzene	ND	12	"		ND					200	
Methyl acetate	ND	12	"		ND					200	
Methyl tert-butyl ether (MTBE)	ND	12	"		ND					200	
Methylene chloride	91	24	"		21				126	200	
n-Butylbenzene	ND	12	"		ND					200	
1,2,3-Trichlorobenzene	ND	12	"		ND					200	
n-Propylbenzene	ND	12	"		ND					200	
o-Xylene	ND	12	"		ND					200	
p- & m- Xylenes	ND	24	"		ND					200	
p-Isopropyltoluene	ND	12	"		ND					200	
sec-Butylbenzene	ND	12	"		ND					200	
Styrene	ND	12	"		ND					200	
tert-Butyl alcohol (TBA)	ND	12	"		ND					200	
tert-Butylbenzene	ND	12	"		ND					200	
Tetrachloroethylene	ND	12	"		ND					200	
Toluene	ND	12	"		ND					200	
trans-1,2-Dichloroethylene	ND	12	"		ND					200	
trans-1,3-Dichloropropylene	ND	12	"		ND					200	
Trichloroethylene	ND	12	"		ND					200	
Trichlorofluoromethane	ND	12	"		ND					200	
Vinyl Chloride	ND	12	"		ND					200	
Xylenes, Total	ND	37	"		ND					200	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>54.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>110</i>	<i>77-125</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>70.6</i>		<i>"</i>	<i>50.0</i>		<i>141</i>	<i>76-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>64.0</i>		<i>"</i>	<i>50.0</i>		<i>128</i>	<i>85-120</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL40112 - EPA 5035A											
Matrix Spike (BL40112-MS1)	*Source sample: 14K0925-02 (D1 Grab (0-3))						Prepared & Analyzed: 12/02/2014				
1,1,1,2-Tetrachloroethane	51		ug/L	50.0	ND	101	15-161				
1,1,1-Trichloroethane	49		"	50.0	ND	97.0	42-145				
1,1,2,2-Tetrachloroethane	85		"	50.0	ND	170	16-167	High Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42		"	50.0	ND	84.5	11-160				
1,1,2-Trichloroethane	57		"	50.0	ND	114	44-145				
1,1-Dichloroethane	53		"	50.0	ND	105	46-142				
1,1-Dichloroethylene	47		"	50.0	ND	93.8	30-153				
Bromochloromethane	52		"	50.0	ND	103	38-145				
1,2,4-Trichlorobenzene	13		"	50.0	ND	26.5	10-151				
1,2,4-Trimethylbenzene	56		"	50.0	ND	111	10-170				
1,2-Dibromo-3-chloropropane	55		"	50.0	ND	109	36-138				
1,2-Dibromoethane	49		"	50.0	ND	97.3	40-142				
1,2-Dichlorobenzene	38		"	50.0	ND	76.2	10-147				
1,2-Dichloroethane	50		"	50.0	ND	100	48-133				
1,2-Dichloropropane	62		"	50.0	ND	124	47-141				
1,3,5-Trimethylbenzene	60		"	50.0	ND	120	10-150				
1,3-Dichlorobenzene	40		"	50.0	ND	80.6	10-144				
1,4-Dichlorobenzene	40		"	50.0	ND	79.8	10-160				
1,4-Dioxane	1800		"	12500	ND	14.0	10-191				
Cyclohexane	35		"	50.0	ND	70.6	70-130				
2-Butanone	68		"	50.0	ND	136	10-189				
2-Hexanone	53		"	50.0	ND	106	10-181				
4-Methyl-2-pentanone	63		"	50.0	ND	127	10-166				
Acetone	54		"	50.0	ND	109	10-196				
Acrolein	110		"	50.0	ND	219	10-192	High Bias			
Acrylonitrile	53		"	50.0	ND	106	13-161				
Benzene	51		"	50.0	ND	102	43-139				
Bromodichloromethane	61		"	50.0	ND	122	38-147				
Bromoform	86		"	50.0	ND	172	29-156	High Bias			
Bromomethane	48		"	50.0	ND	96.3	10-166				
Carbon disulfide	41		"	50.0	ND	81.0	10-131				
Carbon tetrachloride	44		"	50.0	ND	88.6	35-145				
Chlorobenzene	42		"	50.0	ND	83.1	21-154				
Chloroethane	55		"	50.0	ND	109	15-160				
Chloroform	53		"	50.0	ND	107	47-142				
Chloromethane	47		"	50.0	ND	94.3	10-159				
cis-1,2-Dichloroethylene	45		"	50.0	ND	89.3	42-144				
cis-1,3-Dichloropropylene	58		"	50.0	ND	116	18-159				
Dibromochloromethane	50		"	50.0	ND	101	10-179				
Dibromomethane	62		"	50.0	ND	125	47-143				
Dichlorodifluoromethane	37		"	50.0	ND	73.6	10-145				
Ethyl Benzene	45		"	50.0	1.4	86.9	11-158				
Methylcyclohexane	73	12	ug/kg dry		ND		70-130				
Hexachlorobutadiene	15		ug/L	50.0	ND	30.4	10-158				
Isopropylbenzene	77		"	50.0	ND	153	10-162				
Methyl acetate	60		"	50.0	ND	119	10-149				
Methyl tert-butyl ether (MTBE)	58		"	50.0	ND	115	42-152				
Methylene chloride	83		"	50.0	8.5	150	28-151				
n-Butylbenzene	34		"	50.0	ND	68.3	10-162				
1,2,3-Trichlorobenzene	10		"	50.0	ND	20.3	10-157				
n-Propylbenzene	65		"	50.0	ND	129	10-155				



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 BL40112 - EPA 5035A

Matrix Spike (BL40112-MS1)	*Source sample: 14K0925-02 (D1 Grab (0-3))						Prepared & Analyzed: 12/02/2014				
o-Xylene	40		ug/L	50.0	ND	80.5	10-158				
p- & m- Xylenes	83		"	100	3.2	80.3	10-156				
p-Isopropyltoluene	44		"	50.0	ND	87.5	10-147				
sec-Butylbenzene	48		"	50.0	ND	95.1	10-157				
Styrene	34		"	50.0	ND	68.0	13-171				
tert-Butyl alcohol (TBA)	70		"	50.0	ND	140	34-179				
tert-Butylbenzene	58		"	50.0	ND	116	10-160				
Tetrachloroethylene	41		"	50.0	2.2	77.7	30-167				
Toluene	57		"	50.0	0.98	111	21-160				
trans-1,2-Dichloroethylene	47		"	50.0	ND	94.1	29-153				
trans-1,3-Dichloropropylene	48		"	50.0	ND	96.8	18-155				
Trichloroethylene	57		"	50.0	ND	115	24-169				
Trichlorofluoromethane	47		"	50.0	ND	93.5	35-142				
Vinyl Chloride	48		"	50.0	ND	96.6	12-160				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>52.2</i>		<i>"</i>	<i>50.0</i>		<i>104</i>	<i>77-125</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>80.5</i>		<i>"</i>	<i>50.0</i>		<i>161</i>	<i>70-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>62.4</i>		<i>"</i>	<i>50.0</i>		<i>125</i>	<i>85-120</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BL40041 - EPA 3545A

Blank (BL40041-BLK1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Acenaphthene	ND	62.6	ug/kg wet
Acenaphthylene	ND	62.6	"
Acetophenone	ND	62.6	"
Anthracene	ND	62.6	"
Atrazine	ND	62.6	"
Benzaldehyde	ND	62.6	"
Benzidine	ND	250	"
Benzo(a)anthracene	ND	62.6	"
Benzo(a)pyrene	ND	62.6	"
Benzo(b)fluoranthene	ND	62.6	"
Benzo(g,h,i)perylene	ND	62.6	"
Benzoic acid	ND	62.6	"
Benzo(k)fluoranthene	ND	62.6	"
Benzyl butyl phthalate	ND	62.6	"
1,1'-Biphenyl	ND	62.6	"
4-Bromophenyl phenyl ether	ND	62.6	"
Caprolactam	ND	125	"
Carbazole	ND	62.6	"
4-Chloroaniline	ND	62.6	"
Bis(2-chloroethoxy)methane	ND	62.6	"
Bis(2-chloroethyl)ether	ND	62.6	"
Bis(2-chloroisopropyl)ether	ND	62.6	"
2-Chloronaphthalene	ND	62.6	"
2-Chlorophenol	ND	62.6	"
4-Chlorophenyl phenyl ether	ND	62.6	"
Chrysene	ND	62.6	"
Dibenzo(a,h)anthracene	ND	62.6	"
Dibenzofuran	ND	62.6	"
Di-n-butyl phthalate	ND	62.6	"
1,2-Dichlorobenzene	ND	62.6	"
1,3-Dichlorobenzene	ND	62.6	"
1,4-Dichlorobenzene	ND	62.6	"
3,3'-Dichlorobenzidine	ND	62.6	"
2,4-Dichlorophenol	ND	62.6	"
Diethyl phthalate	ND	62.6	"
2,4-Dimethylphenol	ND	62.6	"
Dimethyl phthalate	ND	62.6	"
4,6-Dinitro-2-methylphenol	ND	125	"
2,4-Dinitrophenol	ND	125	"
2,4-Dinitrotoluene	ND	62.6	"
2,6-Dinitrotoluene	ND	62.6	"
Di-n-octyl phthalate	ND	62.6	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	62.6	"
Bis(2-ethylhexyl)phthalate	ND	62.6	"
Fluoranthene	ND	62.6	"
Fluorene	ND	62.6	"
Hexachlorobenzene	ND	62.6	"
Hexachlorobutadiene	ND	62.6	"
Hexachlorocyclopentadiene	ND	62.6	"
Hexachloroethane	ND	62.6	"
Indeno(1,2,3-cd)pyrene	ND	62.6	"



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 BL40041 - EPA 3545A

Blank (BL40041-BLK1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Isophorone	ND	62.6	ug/kg wet
2-Methylnaphthalene	ND	62.6	"
2-Methylphenol	ND	62.6	"
3- & 4-Methylphenols	ND	62.6	"
Naphthalene	ND	62.6	"
4-Nitroaniline	ND	125	"
2-Nitroaniline	ND	125	"
3-Nitroaniline	ND	125	"
Nitrobenzene	ND	62.6	"
2-Nitrophenol	ND	62.6	"
4-Nitrophenol	ND	125	"
N-nitroso-di-n-propylamine	ND	62.6	"
N-Nitrosodimethylamine	ND	62.6	"
N-Nitrosodiphenylamine	ND	62.6	"
Pentachlorophenol	ND	62.6	"
Phenanthrene	ND	62.6	"
Phenol	ND	62.6	"
Pyrene	ND	62.6	"
1,2,4-Trichlorobenzene	ND	62.6	"
2,4,6-Trichlorophenol	ND	62.6	"
2,4,5-Trichlorophenol	ND	62.6	"

Surrogate: 2-Fluorophenol	2380	"	3750	63.5	10-99
Surrogate: Phenol-d5	2330	"	3760	62.0	10-108
Surrogate: Nitrobenzene-d5	1520	"	2500	60.9	10-119
Surrogate: 2-Fluorobiphenyl	1910	"	2500	76.3	10-114
Surrogate: 2,4,6-Tribromophenol	2910	"	3760	77.4	10-106
Surrogate: Terphenyl-d14	2350	"	2500	93.7	10-123



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result		Limits			Limit	
Batch BL40041 - EPA 3545A											
LCS (BL40041-BS1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
Acenaphthene	1790	62.6	ug/kg wet	2500		71.7	17-124				
Acenaphthylene	1640	62.6	"	2500		65.4	16-124				
Acetophenone	1400	62.6	"	2500		55.9	28-105				
Anthracene	1680	62.6	"	2500		67.3	24-124				
Atrazine	1400	62.6	"	2500		56.2	22-120				
Benzaldehyde	1290	62.6	"	2500		51.6	21-100				
Benzo(a)anthracene	2150	62.6	"	2500		85.9	25-134				
Benzo(a)pyrene	1820	62.6	"	2500		72.8	29-144				
Benzo(b)fluoranthene	1610	62.6	"	2500		64.4	20-151				
Benzo(g,h,i)perylene	2350	62.6	"	2500		94.1	10-153				
Benzoic acid	293	62.6	"	2500		11.7	10-116				
Benzo(k)fluoranthene	1890	62.6	"	2500		75.5	10-148				
Benzyl butyl phthalate	1790	62.6	"	2500		71.7	10-132				
1,1'-Biphenyl	1620	62.6	"	2500		64.7	22-103				
4-Bromophenyl phenyl ether	1860	62.6	"	2500		74.2	30-138				
Caprolactam	1510	125	"	2500		60.5	10-123				
Carbazole	1960	62.6	"	2500		78.3	31-120				
4-Chloroaniline	1200	62.6	"	2500		48.0	10-117				
Bis(2-chloroethoxy)methane	1550	62.6	"	2500		61.9	10-129				
Bis(2-chloroethyl)ether	1520	62.6	"	2500		60.8	14-125				
Bis(2-chloroisopropyl)ether	1470	62.6	"	2500		58.8	14-122				
2-Chloronaphthalene	1800	62.6	"	2500		71.9	22-115				
2-Chlorophenol	1650	62.6	"	2500		66.2	25-121				
4-Chlorophenyl phenyl ether	1700	62.6	"	2500		67.9	18-132				
Chrysene	2080	62.6	"	2500		83.2	24-116				
Dibenzo(a,h)anthracene	1770	62.6	"	2500		70.7	17-147				
Dibenzofuran	1850	62.6	"	2500		73.9	23-123				
Di-n-butyl phthalate	1780	62.6	"	2500		71.0	19-123				
1,2-Dichlorobenzene	1570	62.6	"	2500		62.7	26-113				
1,3-Dichlorobenzene	1570	62.6	"	2500		62.9	32-113				
1,4-Dichlorobenzene	1400	62.6	"	2500		55.8	28-111				
3,3'-Dichlorobenzidine	2180	62.6	"	2500		87.2	10-147				
2,4-Dichlorophenol	1870	62.6	"	2500		74.7	23-133				
Diethyl phthalate	1870	62.6	"	2500		74.8	23-122				
2,4-Dimethylphenol	1760	62.6	"	2500		70.5	15-131				
Dimethyl phthalate	1940	62.6	"	2500		77.5	28-127				
4,6-Dinitro-2-methylphenol	1700	125	"	2500		68.1	10-149				
2,4-Dinitrophenol	1910	125	"	2500		76.4	10-149				
2,4-Dinitrotoluene	2220	62.6	"	2500		88.7	30-123				
2,6-Dinitrotoluene	1690	62.6	"	2500		67.5	30-125				
Di-n-octyl phthalate	2170	62.6	"	2500		86.9	10-132				
1,2-Diphenylhydrazine (as Azobenzene)	1740	62.6	"	2500		69.8	10-140				
Bis(2-ethylhexyl)phthalate	1690	62.6	"	2500		67.7	10-141				
Fluoranthene	1820	62.6	"	2500		72.7	36-125				
Fluorene	1650	62.6	"	2500		66.0	16-130				
Hexachlorobenzene	1850	62.6	"	2500		74.2	10-129				
Hexachlorobutadiene	1790	62.6	"	2500		71.5	22-153				
Hexachlorocyclopentadiene	1540	62.6	"	2500		61.5	10-134				
Hexachloroethane	1460	62.6	"	2500		58.3	20-112				
Indeno(1,2,3-cd)pyrene	2150	62.6	"	2500		85.8	10-155				
Isophorone	1550	62.6	"	2500		62.0	14-131				



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 BL40041 - EPA 3545A

LCS (BL40041-BS1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

2-Methylnaphthalene	1560	62.6	ug/kg wet	2500		62.6	16-127				
2-Methylphenol	1550	62.6	"	2500		61.8	10-146				
3- & 4-Methylphenols	1330	62.6	"	2500		53.2	20-109				
Naphthalene	1520	62.6	"	2500		60.9	20-121				
4-Nitroaniline	1850	125	"	2500		74.0	14-125				
2-Nitroaniline	2010	125	"	2500		80.2	24-126				
3-Nitroaniline	1480	125	"	2500		59.2	23-123				
Nitrobenzene	1560	62.6	"	2500		62.3	20-121				
2-Nitrophenol	1650	62.6	"	2500		66.2	17-129				
4-Nitrophenol	1850	125	"	2500		74.0	10-136				
N-nitroso-di-n-propylamine	1550	62.6	"	2500		62.1	21-119				
N-Nitrosodimethylamine	1400	62.6	"	2500		56.0	10-124				
N-Nitrosodiphenylamine	2170	62.6	"	2500		86.9	10-163				
Pentachlorophenol	1650	62.6	"	2500		65.9	10-143				
Phenanthrene	1770	62.6	"	2500		70.7	24-123				
Phenol	1580	62.6	"	2500		63.0	15-123				
Pyrene	2140	62.6	"	2500		85.4	24-132				
1,2,4-Trichlorobenzene	1780	62.6	"	2500		71.2	23-130				
2,4,6-Trichlorophenol	1750	62.6	"	2500		70.0	27-122				
2,4,5-Trichlorophenol	1900	62.6	"	2500		75.9	14-138				
Surrogate: 2-Fluorophenol	3080		"	3750		82.2	10-99				
Surrogate: Phenol-d5	2970		"	3760		79.0	10-108				
Surrogate: Nitrobenzene-d5	1950		"	2500		78.0	10-119				
Surrogate: 2-Fluorobiphenyl	2440		"	2500		97.7	10-114				
Surrogate: 2,4,6-Tribromophenol	3790		"	3760		101	30-130				
Surrogate: Terphenyl-d14	3180		"	2500		127	10-123				

LCS Dup (BL40041-BSD1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Acenaphthene	1810	62.6	ug/kg wet	2500		72.5	17-124		1.11	30	
Acenaphthylene	1660	62.6	"	2500		66.4	16-124		1.49	30	
Acetophenone	1410	62.6	"	2500		56.3	28-105		0.856	30	
Anthracene	1620	62.6	"	2500		64.9	24-124		3.63	30	
Atrazine	1320	62.6	"	2500		52.7	22-120		6.47	30	
Benzaldehyde	1320	62.6	"	2500		53.0	21-100		2.56	30	
Benzo(a)anthracene	2080	62.6	"	2500		83.2	25-134		3.19	30	
Benzo(a)pyrene	1800	62.6	"	2500		71.9	29-144		1.30	30	
Benzo(b)fluoranthene	1910	62.6	"	2500		76.3	20-151		17.0	30	
Benzo(g,h,i)perylene	2260	62.6	"	2500		90.6	10-153		3.83	30	
Benzoic acid	387	62.6	"	2500		15.5	10-116		27.6	30	
Benzo(k)fluoranthene	1890	62.6	"	2500		75.6	10-148		0.159	30	
Benzyl butyl phthalate	1770	62.6	"	2500		71.0	10-132		1.07	30	
1,1'-Biphenyl	1620	62.6	"	2500		64.7	22-103		0.0309	30	
4-Bromophenyl phenyl ether	1810	62.6	"	2500		72.5	30-138		2.40	30	
Caprolactam	1580	125	"	2500		63.2	10-123		4.36	30	
Carbazole	1920	62.6	"	2500		76.9	31-120		1.86	30	
4-Chloroaniline	1230	62.6	"	2500		49.1	10-117		2.14	30	
Bis(2-chloroethoxy)methane	1550	62.6	"	2500		62.2	10-129		0.355	30	
Bis(2-chloroethyl)ether	1520	62.6	"	2500		60.7	14-125		0.0988	30	
Bis(2-chloroisopropyl)ether	1450	62.6	"	2500		57.9	14-122		1.61	30	
2-Chloronaphthalene	1810	62.6	"	2500		72.4	22-115		0.665	30	
2-Chlorophenol	1680	62.6	"	2500		67.0	25-121		1.32	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 BL40041 - EPA 3545A											
LCS Dup (BL40041-BSD1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
4-Chlorophenyl phenyl ether	1740	62.6	ug/kg wet	2500		69.6	18-132		2.41	30	
Chrysene	2020	62.6	"	2500		80.9	24-116		2.75	30	
Dibenzo(a,h)anthracene	1690	62.6	"	2500		67.6	17-147		4.54	30	
Dibenzofuran	1850	62.6	"	2500		73.9	23-123		0.0271	30	
Di-n-butyl phthalate	1710	62.6	"	2500		68.5	19-123		3.53	30	
1,2-Dichlorobenzene	1580	62.6	"	2500		63.0	26-113		0.541	30	
1,3-Dichlorobenzene	1590	62.6	"	2500		63.6	32-113		1.08	30	
1,4-Dichlorobenzene	1400	62.6	"	2500		55.9	28-111		0.107	30	
3,3'-Dichlorobenzidine	2090	62.6	"	2500		83.4	10-147		4.43	30	
2,4-Dichlorophenol	1930	62.6	"	2500		77.2	23-133		3.24	30	
Diethyl phthalate	1920	62.6	"	2500		76.7	23-122		2.53	30	
2,4-Dimethylphenol	1830	62.6	"	2500		73.3	15-131		3.81	30	
Dimethyl phthalate	1970	62.6	"	2500		78.6	28-127		1.51	30	
4,6-Dinitro-2-methylphenol	1630	125	"	2500		65.3	10-149		4.20	30	
2,4-Dinitrophenol	1970	125	"	2500		78.7	10-149		3.07	30	
2,4-Dinitrotoluene	2290	62.6	"	2500		91.5	30-123		3.04	30	
2,6-Dinitrotoluene	1690	62.6	"	2500		67.7	30-125		0.237	30	
Di-n-octyl phthalate	2110	62.6	"	2500		84.3	10-132		3.08	30	
1,2-Diphenylhydrazine (as Azobenzene)	1740	62.6	"	2500		69.4	10-140		0.546	30	
Bis(2-ethylhexyl)phthalate	1630	62.6	"	2500		65.2	10-141		3.85	30	
Fluoranthene	1720	62.6	"	2500		68.8	36-125		5.48	30	
Fluorene	1700	62.6	"	2500		67.8	16-130		2.75	30	
Hexachlorobenzene	1810	62.6	"	2500		72.4	10-129		2.37	30	
Hexachlorobutadiene	1830	62.6	"	2500		73.2	22-153		2.35	30	
Hexachlorocyclopentadiene	1580	62.6	"	2500		63.3	10-134		2.85	30	
Hexachloroethane	1460	62.6	"	2500		58.5	20-112		0.445	30	
Indeno(1,2,3-cd)pyrene	2270	62.6	"	2500		90.8	10-155		5.64	30	
Isophorone	1600	62.6	"	2500		64.0	14-131		3.21	30	
2-Methylnaphthalene	1570	62.6	"	2500		62.8	16-127		0.383	30	
2-Methylphenol	1540	62.6	"	2500		61.6	10-146		0.324	30	
3- & 4-Methylphenols	1310	62.6	"	2500		52.5	20-109		1.21	30	
Naphthalene	1510	62.6	"	2500		60.4	20-121		0.758	30	
4-Nitroaniline	1920	125	"	2500		76.7	14-125		3.66	30	
2-Nitroaniline	2070	125	"	2500		82.8	24-126		3.12	30	
3-Nitroaniline	1490	125	"	2500		59.5	23-123		0.472	30	
Nitrobenzene	1560	62.6	"	2500		62.2	20-121		0.0964	30	
2-Nitrophenol	1750	62.6	"	2500		69.8	17-129		5.38	30	
4-Nitrophenol	1950	125	"	2500		78.1	10-136		5.31	30	
N-nitroso-di-n-propylamine	1540	62.6	"	2500		61.6	21-119		0.938	30	
N-Nitrosodimethylamine	1280	62.6	"	2500		51.3	10-124		8.69	30	
N-Nitrosodiphenylamine	2130	62.6	"	2500		85.2	10-163		1.95	30	
Pentachlorophenol	1640	62.6	"	2500		65.7	10-143		0.426	30	
Phenanthrene	1670	62.6	"	2500		67.0	24-123		5.43	30	
Phenol	1570	62.6	"	2500		62.9	15-123		0.159	30	
Pyrene	2070	62.6	"	2500		82.8	24-132		3.07	30	
1,2,4-Trichlorobenzene	1810	62.6	"	2500		72.3	23-130		1.62	30	
2,4,6-Trichlorophenol	1840	62.6	"	2500		73.7	27-122		5.15	30	
2,4,5-Trichlorophenol	2050	62.6	"	2500		82.1	14-138		7.80	30	
Surrogate: 2-Fluorophenol	3090		"	3750		82.5	10-99				
Surrogate: Phenol-d5	2980		"	3760		79.2	10-108				
Surrogate: Nitrobenzene-d5	1970		"	2500		78.9	10-119				



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 BL40041 - EPA 3545A

LCS Dup (BL40041-BSD1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Surrogate: 2-Fluorobiphenyl	2490		ug/kg wet	2500		99.8	10-114				
Surrogate: 2,4,6-Tribromophenol	3700		"	3760		98.5	30-130				
Surrogate: Terphenyl-d14	3070		"	2500		123	10-123				



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 BL40042 - EPA 3550C

Blank (BL40042-BLK1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Aldrin	ND	0.330	ug/kg wet								
alpha-BHC	ND	0.330	"								
beta-BHC	ND	0.330	"								
delta-BHC	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
gamma-Chlordane	ND	0.330	"								
alpha-Chlordane	ND	0.330	"								
Chlordane, total	ND	1.32	"								
4,4'-DDD	ND	0.330	"								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	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	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
Toxaphene	ND	16.7	"								
<i>Surrogate: Decachlorobiphenyl</i>	58.4		"	66.7		87.6	30-140				
<i>Surrogate: Tetrachloro-m-xylene</i>	56.2		"	66.7		84.3	30-140				

LCS (BL40042-BS1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Aldrin	30.4	0.330	ug/kg wet	33.3		91.2	40-140				
alpha-BHC	29.0	0.330	"	33.3		87.1	40-140				
beta-BHC	30.2	0.330	"	33.3		90.5	40-140				
delta-BHC	30.9	0.330	"	33.3		92.8	40-140				
gamma-BHC (Lindane)	30.3	0.330	"	33.3		91.0	40-140				
gamma-Chlordane	29.3	0.330	"	33.3		87.8	40-140				
alpha-Chlordane	29.8	0.330	"	33.3		89.3	40-140				
4,4'-DDD	40.9	0.330	"	33.3		123	40-140				
4,4'-DDE	35.8	0.330	"	33.3		108	40-140				
4,4'-DDT	36.3	0.330	"	33.3		109	40-140				
Dieldrin	30.4	0.330	"	33.3		91.3	40-140				
Endosulfan I	29.3	0.330	"	33.3		88.0	40-140				
Endosulfan II	32.8	0.330	"	33.3		98.3	40-140				
Endosulfan sulfate	33.6	0.330	"	33.3		101	40-140				
Endrin	32.8	0.330	"	33.3		98.5	40-140				
Endrin aldehyde	26.7	0.330	"	33.3		80.1	40-140				
Endrin ketone	34.0	0.330	"	33.3		102	40-140				
Heptachlor	25.7	0.330	"	33.3		77.2	40-140				
Heptachlor epoxide	28.9	0.330	"	33.3		86.6	40-140				
Methoxychlor	32.6	1.65	"	33.3		97.9	40-140				
<i>Surrogate: Decachlorobiphenyl</i>	57.6		"	66.7		86.4	30-140				
<i>Surrogate: Tetrachloro-m-xylene</i>	56.1		"	66.7		84.1	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 BL40042 - EPA 3550C

LCS Dup (BL40042-BSD1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Aldrin	30.8	0.330	ug/kg wet	33.3		92.3	40-140		1.13	30	
alpha-BHC	29.6	0.330	"	33.3		88.7	40-140		1.80	30	
beta-BHC	30.3	0.330	"	33.3		90.8	40-140		0.342	30	
delta-BHC	31.1	0.330	"	33.3		93.2	40-140		0.442	30	
gamma-BHC (Lindane)	30.5	0.330	"	33.3		91.6	40-140		0.609	30	
gamma-Chlordane	29.7	0.330	"	33.3		89.1	40-140		1.56	30	
alpha-Chlordane	30.2	0.330	"	33.3		90.6	40-140		1.44	30	
4,4'-DDD	41.3	0.330	"	33.3		124	40-140		1.16	30	
4,4'-DDE	36.1	0.330	"	33.3		108	40-140		0.827	30	
4,4'-DDT	39.3	0.330	"	33.3		118	40-140		7.99	30	
Dieldrin	31.3	0.330	"	33.3		94.0	40-140		2.94	30	
Endosulfan I	30.2	0.330	"	33.3		90.7	40-140		2.99	30	
Endosulfan II	33.6	0.330	"	33.3		101	40-140		2.50	30	
Endosulfan sulfate	34.8	0.330	"	33.3		104	40-140		3.41	30	
Endrin	33.8	0.330	"	33.3		101	40-140		2.84	30	
Endrin aldehyde	27.2	0.330	"	33.3		81.6	40-140		1.78	30	
Endrin ketone	36.1	0.330	"	33.3		108	40-140		6.03	30	
Heptachlor	26.2	0.330	"	33.3		78.5	40-140		1.64	30	
Heptachlor epoxide	29.5	0.330	"	33.3		88.6	40-140		2.31	30	
Methoxychlor	33.1	1.65	"	33.3		99.2	40-140		1.29	30	
Surrogate: Decachlorobiphenyl	60.4		"	66.7		90.6	30-140				
Surrogate: Tetrachloro-m-xylene	58.9		"	66.7		88.4	30-140				

Matrix Spike (BL40042-MS1)

*Source sample: 14K0925-01 (D1 Comp (0-3))

Prepared: 12/01/2014 Analyzed: 12/03/2014

Aldrin	25.6	1.99	ug/kg dry	40.2	ND	63.6	30-150				
alpha-BHC	31.6	1.99	"	40.2	ND	78.5	30-150				
beta-BHC	29.1	1.99	"	40.2	ND	72.3	30-150				
delta-BHC	27.3	1.99	"	40.2	ND	68.0	30-150				
gamma-BHC (Lindane)	27.1	1.99	"	40.2	ND	67.4	30-150				
gamma-Chlordane	26.1	1.99	"	40.2	ND	65.0	30-150				
alpha-Chlordane	26.5	1.99	"	40.2	ND	65.9	30-150				
4,4'-DDD	34.0	1.99	"	40.2	ND	84.6	30-150				
4,4'-DDE	27.9	1.99	"	40.2	ND	69.4	30-150				
4,4'-DDT	32.8	1.99	"	40.2	ND	81.6	30-150				
Dieldrin	24.6	1.99	"	40.2	ND	61.3	30-150				
Endosulfan I	24.0	1.99	"	40.2	ND	59.7	30-150				
Endosulfan II	28.2	1.99	"	40.2	ND	70.2	30-150				
Endosulfan sulfate	30.5	1.99	"	40.2	ND	75.9	30-150				
Endrin	31.1	1.99	"	40.2	ND	77.4	30-150				
Endrin aldehyde	22.7	1.99	"	40.2	ND	56.6	30-150				
Endrin ketone	32.4	1.99	"	40.2	ND	80.6	30-150				
Heptachlor	26.5	1.99	"	40.2	ND	65.9	30-150				
Heptachlor epoxide	26.6	1.99	"	40.2	ND	66.3	30-150				
Methoxychlor	41.5	9.95	"	40.2	ND	103	30-150				
Surrogate: Decachlorobiphenyl	63.3		"	80.4		78.7	30-140				
Surrogate: Tetrachloro-m-xylene	52.8		"	80.4		65.6	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 BL40042 - EPA 3550C

Blank (BL40042-BLK1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Aroclor 1016	ND	0.0167	mg/kg wet
Aroclor 1221	ND	0.0167	"
Aroclor 1232	ND	0.0167	"
Aroclor 1242	ND	0.0167	"
Aroclor 1248	ND	0.0167	"
Aroclor 1254	ND	0.0167	"
Aroclor 1260	ND	0.0167	"
Total PCBs	ND	0.0167	"

Surrogate: Tetrachloro-m-xylene

0.0687

"

0.0667

103

30-140

Surrogate: Decachlorobiphenyl

0.0577

"

0.0667

86.5

30-140

LCS (BL40042-BS2)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Aroclor 1016	0.384	0.0167	mg/kg wet	0.333	115	40-130
Aroclor 1260	0.381	0.0167	"	0.333	114	40-130

Surrogate: Tetrachloro-m-xylene

0.0713

"

0.0667

107

30-140

Surrogate: Decachlorobiphenyl

0.0613

"

0.0667

92.0

30-140



Gas Chromatography/Flame Ionization Detector - 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 BL40001 - EPA 3545A

Blank (BL40001-BLK1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Total EPH	ND	50.0	mg/kg wet								
Surrogate: 1-Chlorooctadecane	6.94		"	10.0		69.4	40-140				
Surrogate: o-Terphenyl	6.91		"	10.0		69.1	40-140				

LCS (BL40001-BS1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Total EPH	221	50.0	mg/kg wet	360		61.5	40-140				
Surrogate: 1-Chlorooctadecane	7.19		"	10.0		71.9	40-140				
Surrogate: o-Terphenyl	7.01		"	10.0		70.1	40-140				

LCS Dup (BL40001-BSD1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Total EPH	227	50.0	mg/kg wet	360		63.0	40-140		2.39	30	
Surrogate: 1-Chlorooctadecane	7.33		"	10.0		73.3	40-140				
Surrogate: o-Terphenyl	7.22		"	10.0		72.2	40-140				



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 BL40205 - EPA 3050B

Blank (BL40205-BLK1)

Prepared & Analyzed: 12/03/2014

Aluminum	ND	1.00	mg/kg wet
Antimony	ND	0.500	"
Arsenic	ND	1.00	"
Barium	ND	1.00	"
Beryllium	ND	0.100	"
Cadmium	ND	0.300	"
Calcium	ND	5.00	"
Chromium	ND	0.500	"
Cobalt	ND	0.500	"
Copper	ND	0.500	"
Iron	ND	2.00	"
Lead	ND	0.300	"
Magnesium	ND	5.00	"
Manganese	ND	0.500	"
Nickel	ND	0.500	"
Potassium	ND	5.00	"
Selenium	ND	1.00	"
Silver	ND	0.500	"
Sodium	ND	10.0	"
Thallium	ND	1.00	"
Vanadium	ND	1.00	"
Zinc	ND	1.00	"

Duplicate (BL40205-DUP1)

*Source sample: 14K0925-09 (D1 Comp (12-15))

Prepared & Analyzed: 12/03/2014

Aluminum	3470	1.24	mg/kg dry	3570	2.90	35
Antimony	ND	0.620	"	ND		35
Arsenic	1.89	1.24	"	1.54	20.6	35
Barium	23.7	1.24	"	23.7	0.271	35
Beryllium	ND	0.124	"	ND		35
Cadmium	ND	0.372	"	ND		35
Calcium	2500	6.20	"	2570	2.84	35
Chromium	10.2	0.620	"	10.1	0.777	35
Cobalt	4.45	0.620	"	4.49	0.754	35
Copper	6.76	0.620	"	6.79	0.390	35
Iron	12000	2.48	"	11900	0.440	35
Lead	2.92	0.372	"	2.93	0.273	35
Magnesium	1140	6.20	"	1140	0.0306	35
Manganese	113	0.620	"	113	0.00753	35
Nickel	9.01	0.620	"	8.46	6.30	35
Potassium	623	6.20	"	625	0.381	35
Selenium	3.05	1.24	"	2.94	3.46	35
Silver	ND	0.620	"	ND		35
Sodium	72.6	12.4	"	81.1	11.1	35
Thallium	ND	1.24	"	ND		35
Vanadium	28.3	1.24	"	28.3	0.325	35
Zinc	17.1	1.24	"	17.3	0.926	35



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BL40205 - EPA 3050B

Matrix Spike (BL40205-MS1)		*Source sample: 14K0925-09 (D1 Comp (12-15))					Prepared & Analyzed: 12/03/2014				
Aluminum	3720	1.24	mg/kg dry	248	3570	58.8	75-125	Low Bias			
Antimony	30.3	0.620	"	31.0	ND	97.7	75-125				
Arsenic	236	1.24	"	248	1.54	94.6	75-125				
Barium	287	1.24	"	248	23.7	106	75-125				
Beryllium	4.74	0.124	"	6.20	ND	76.4	75-125				
Cadmium	5.79	0.372	"	6.20	ND	93.4	75-125				
Chromium	34.0	0.620	"	24.8	10.1	96.3	75-125				
Cobalt	69.7	0.620	"	62.0	4.49	105	75-125				
Copper	39.9	0.620	"	31.0	6.79	107	75-125				
Iron	12100	2.48	"	124	11900	131	75-125	High Bias			
Lead	64.8	0.372	"	62.0	2.93	99.7	75-125				
Magnesium	1140	6.20	"		1140		75-125				
Manganese	177	0.620	"	62.0	113	104	75-125				
Nickel	73.8	0.620	"	62.0	8.46	105	75-125				
Potassium	621	6.20	"		625		75-125				
Silver	3.87	0.620	"	6.20	ND	62.5	75-125	Low Bias			
Sodium	68.6	12.4	"		81.1		75-125				
Thallium	256	1.24	"	248	ND	103	75-125				
Vanadium	88.6	1.24	"	62.0	28.3	97.3	75-125				
Zinc	79.9	1.24	"	62.0	17.3	101	75-125				

Reference (BL40205-SRM1)							Prepared & Analyzed: 12/03/2014				
Aluminum	7320	1.00	mg/kg wet	8740		83.8	41.6-158				
Antimony	117	0.500	"	108		108	23-255				
Arsenic	150	1.00	"	151		99.0	70.9-130				
Barium	272	1.00	"	262		104	73.7-126				
Beryllium	131	0.100	"	133		98.7	75.1-125				
Cadmium	144	0.300	"	152		94.5	73-126				
Calcium	6230	5.00	"	6400		97.4	73.9-126				
Chromium	111	0.500	"	117		94.7	69.7-130				
Cobalt	71.2	0.500	"	68.7		104	74.4-126				
Copper	71.3	0.500	"	68.6		104	73.2-129				
Iron	11400	2.00	"	12300		92.6	30.5-170				
Lead	243	0.300	"	254		95.8	75.6-125				
Magnesium	3370	5.00	"	3600		93.6	68.3-132				
Manganese	561	0.500	"	563		99.6	77.4-123				
Nickel	323	0.500	"	315		102	74.3-127				
Potassium	2850	5.00	"	3040		93.9	62.5-137				
Selenium	163	1.00	"	162		101	67.3-132				
Silver	42.6	0.500	"	44.3		96.2	66.4-124				
Sodium	838	10.0	"	746		112	56.8-143				
Thallium	253	1.00	"	259		97.5	69.5-131				
Vanadium	113	1.00	"	116		97.0	67.5-132				
Zinc	288	1.00	"	306		94.3	71.9-133				



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BL40209 - EPA 3010A/1311

Blank (BL40209-BLK1)

Prepared: 12/03/2014 Analyzed: 12/04/2014

Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								

Blank (BL40209-BLK2)

Prepared: 12/03/2014 Analyzed: 12/04/2014

Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								

Reference (BL40209-SRM1)

Prepared: 12/03/2014 Analyzed: 12/04/2014

Arsenic	0.399	0.004	mg/L	0.438		91.0	83.3-116				
Barium	0.392	0.010	"	0.365		108	84.9-115				
Cadmium	0.338	0.003	"	0.334		101	85-115				
Chromium	0.801	0.005	"	0.797		100	84.9-115				
Lead	1.48	0.003	"	1.47		101	85-115				
Selenium	0.471	0.010	"	0.521		90.4	85-115				
Silver	0.383	0.005	"	0.384		99.8	84.9-115				



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 BK41260 - EPA 7473 soil

Blank (BK41260-BLK1)

Prepared & Analyzed: 11/26/2014

Mercury ND 0.0300 mg/kg wet

Reference (BK41260-SRM1)

Prepared & Analyzed: 11/26/2014

Mercury 4.0395 mg/kg 3.73 108 68.6-131

Batch BL40096 - EPA 7473 water

Blank (BL40096-BLK1)

Prepared & Analyzed: 12/02/2014

Mercury ND 0.000200 mg/L

Reference (BL40096-SRM1)

Prepared & Analyzed: 12/02/2014

Mercury 0.00255 mg/L 0.00230 111 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 BL40067 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BL40067-BLK1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
TCLP Extraction	Completed	1.00	N/A								
Batch BL40302 - EPA SW846-3060											
Blank (BL40302-BLK1)						Prepared: 12/04/2014 Analyzed: 12/05/2014					
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BL40302-SRM1)						Prepared: 12/04/2014 Analyzed: 12/05/2014					
Chromium, Hexavalent	90.8		mg/L	125		72.6	20.2-180				
Batch BL40328 - Analysis Preparation											
Blank (BL40328-BLK1)						Prepared & Analyzed: 12/05/2014					
Reactivity - Cyanide	ND	0.250	mg/kg								
Batch BL40329 - Analysis Preparation											
Blank (BL40329-BLK1)						Prepared & Analyzed: 12/05/2014					
Reactivity - Sulfide	ND	15.0	mg/kg								
LCS (BL40329-BS1)						Prepared & Analyzed: 12/05/2014					
Reactivity - Sulfide	216	15.0	mg/kg	250		86.4	30-150				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14K0925-02	D1 Grab (0-3)	4 oz. WM Clear Glass Cool to 4° C
14K0925-04	D1 Grab (3-6)	4 oz. WM Clear Glass Cool to 4° C
14K0925-06	D1 Grab (6-9)	4 oz. WM Clear Glass Cool to 4° C
14K0925-08	D1 Grab (9-12)	4 oz. WM Clear Glass Cool to 4° C
14K0925-10	D1 Grab (12-15)	4 oz. WM Clear Glass Cool to 4° C
14K0925-12	D1 Grab (15-18)	4 oz. WM Clear Glass Cool to 4° C



Notes and Definitions

M-HCSpk	Sample conc. >10 X spike conc.
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).
EXT-COMP	Completed
EXT-Temp	Extraction temperature slightly exceeded acceptance range.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
IGN-01	Non-Ignit.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20% AND correlation coefficient <0.990 for quadratic fit).
JN	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
VOA-CONT	NON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
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.
PF-01	No Free Liquid
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.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-08	The recovery of this surrogate was outside of QC limits.
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.

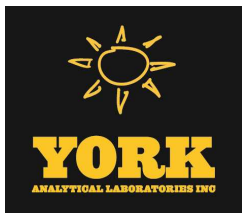
2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

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.



Page 90 of 90



Technical Report

prepared for:

Environmental Business Consultants

1808 Middle Country Rd.

Ridge NY, 11961

Attention: Charles Sosik

Report Date: 12/05/2014

Client Project ID: Grid Section C3 25 Kent Avenue, Brooklyn NY

York Project (SDG) No.: 14K0888

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 12/05/2014
Client Project ID: Grid Section C3 25 Kent Avenue, Brooklyn NY
York Project (SDG) No.: 14K0888

Environmental Business Consultants
1808 Middle Country Rd.
Ridge NY, 11961
Attention: Charles Sosik

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 25, 2014 and listed below. The project was identified as your project: **Grid Section C3 25 Kent Avenue, Brooklyn NY.**

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
14K0888-01	C3 Comp (0-3)	Soil	11/24/2014	11/25/2014
14K0888-02	C3 Grab (0-3)	Soil	11/24/2014	11/25/2014
14K0888-03	C3 Comp (3-6)	Soil	11/24/2014	11/25/2014
14K0888-04	C3 Grab (3-6)	Soil	11/24/2014	11/25/2014
14K0888-05	C3 Comp (6-9)	Soil	11/24/2014	11/25/2014
14K0888-06	C3 Grab (6-9)	Soil	11/24/2014	11/25/2014
14K0888-07	C3 Comp (9-12)	Soil	11/24/2014	11/25/2014
14K0888-08	C3 Grab (9-12)	Soil	11/24/2014	11/25/2014
14K0888-09	C3 Comp (12-15)	Soil	11/24/2014	11/25/2014
14K0888-10	C3 Grab (12-15)	Soil	11/24/2014	11/25/2014
14K0888-11	C3 Comp (15-18)	Soil	11/24/2014	11/25/2014
14K0888-12	C3 Grab (15-18)	Soil	11/24/2014	11/25/2014

General Notes for York Project (SDG) No.: 14K0888

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/05/2014





Sample Information

Client Sample ID: C3 Comp (0-3)

York Sample ID: 14K0888-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 8:00 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	157		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
98-86-2	Acetophenone	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
120-12-7	Anthracene	426		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
1912-24-9	Atrazine	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
92-87-5	Benzidine	ND		ug/kg dry	288	575	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
56-55-3	Benzo(a)anthracene	1000		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
50-32-8	Benzo(a)pyrene	559		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
205-99-2	Benzo(b)fluoranthene	496		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
191-24-2	Benzo(g,h,i)perylene	247		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
65-85-0	Benzoic acid	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
207-08-9	Benzo(k)fluoranthene	630		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
105-60-2	Caprolactam	ND		ug/kg dry	144	287	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
86-74-8	Carbazole	156		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
218-01-9	Chrysene	1120		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
53-70-3	Dibenzo(a,h)anthracene	99.9	J	ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR



Sample Information

Client Sample ID: C3 Comp (0-3)

York Sample ID: 14K0888-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 8:00 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	144	287	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	144	287	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
206-44-0	Fluoranthene	2340		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
86-73-7	Fluorene	131	J	ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
193-39-5	Indeno(1,2,3-cd)pyrene	256		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
78-59-1	Isophorone	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
91-20-3	Naphthalene	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	144	287	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	144	287	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	144	287	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	144	287	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
85-01-8	Phenanthrene	1900		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
108-95-2	Phenol	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
129-00-0	Pyrene	2020		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR



Sample Information

Client Sample ID: C3 Comp (0-3)

York Sample ID: 14K0888-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 8:00 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	72.0	144	2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	54.5 %			10-99						
4165-62-2	Surrogate: Phenol-d5	63.5 %			10-108						
4165-60-0	Surrogate: Nitrobenzene-d5	57.2 %			10-119						
321-60-8	Surrogate: 2-Fluorobiphenyl	67.2 %			10-114						
118-79-6	Surrogate: 2,4,6-Tribromophenol	46.6 %			10-106						
1718-51-0	Surrogate: Terphenyl-d14	60.3 %			10-123						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	methyl Anthracene isomer	689	JN	ug/kg dry			2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
NA	methyl Pyrene isomer	689	JN	ug/kg dry			2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
NA	methyl Triphenylene isomer	689	JN	ug/kg dry			2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR
NA	Unknown PAH-possible Benz acephenanthrylene isomer	804	JN	ug/kg dry			2	EPA 8270D	12/01/2014 15:00	12/02/2014 22:53	SR

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
57-74-9	Chlordane, total	ND		ug/kg dry	11.4	11.4	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
72-20-8	Endrin	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW



Sample Information

Client Sample ID: C3 Comp (0-3)

York Sample ID: 14K0888-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 8:00 am

11/25/2014

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.84	2.84	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
72-43-5	Methoxychlor	ND		ug/kg dry	14.2	14.2	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
8001-35-2	Toxaphene	ND		ug/kg dry	144	144	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:16	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	66.2 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	67.9 %		30-140							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.0287	0.0287	1	EPA 8082A	11/26/2014 08:51	12/02/2014 01:09	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0287	0.0287	1	EPA 8082A	11/26/2014 08:51	12/02/2014 01:09	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0287	0.0287	1	EPA 8082A	11/26/2014 08:51	12/02/2014 01:09	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0287	0.0287	1	EPA 8082A	11/26/2014 08:51	12/02/2014 01:09	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0287	0.0287	1	EPA 8082A	11/26/2014 08:51	12/02/2014 01:09	AMC
11097-69-1	Aroclor 1254	0.312		mg/kg dry	0.0287	0.0287	1	EPA 8082A	11/26/2014 08:51	12/02/2014 01:09	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0287	0.0287	1	EPA 8082A	11/26/2014 08:51	12/02/2014 01:09	AMC
1336-36-3	* Total PCBs	0.312		mg/kg dry	0.0287	0.0287	1	EPA 8082A	11/26/2014 08:51	12/02/2014 01:09	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	69.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	57.0 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	57.4	57.4	1	NJDEP EPH Rev 3.0	12/01/2014 14:00	12/02/2014 13:17	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	54.2 %		40-140							
84-15-1	Surrogate: o-Terphenyl	52.0 %		40-140							



Sample Information

Client Sample ID: C3 Comp (0-3)

York Sample ID: 14K0888-01

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 8:00 am

Date Received

11/25/2014

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

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	6200		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7440-36-0	Antimony	1.57		mg/kg dry	0.574	0.574	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7440-38-2	Arsenic	9.06		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7440-39-3	Barium	195		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.115	0.115	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.344	0.344	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7440-70-2	Calcium	8450		mg/kg dry	0.574	5.74	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7440-47-3	Chromium	16.1		mg/kg dry	0.574	0.574	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7440-48-4	Cobalt	14.1		mg/kg dry	0.574	0.574	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7440-50-8	Copper	271		mg/kg dry	0.574	0.574	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7439-89-6	Iron	19000		mg/kg dry	2.30	2.30	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7439-92-1	Lead	571		mg/kg dry	0.344	0.344	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7439-95-4	Magnesium	1930		mg/kg dry	5.74	5.74	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7439-96-5	Manganese	1310		mg/kg dry	0.574	0.574	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7440-02-0	Nickel	17.8		mg/kg dry	0.574	0.574	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7440-09-7	Potassium	821		mg/kg dry	5.74	5.74	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7782-49-2	Selenium	3.93		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7440-22-4	Silver	ND		mg/kg dry	0.574	0.574	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7440-23-5	Sodium	294		mg/kg dry	11.5	11.5	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7440-28-0	Thallium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7440-62-2	Vanadium	30.1		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW
7440-66-6	Zinc	244		mg/kg dry	1.15	1.15	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:19	MW

Metals, TCLP RCRA

Sample Prepared by Method: EPA 3010A/1311

Log-in Notes:

Sample Notes:

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 02:59	MW
7440-39-3	Barium	0.679		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 02:59	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 02:59	MW
7440-47-3	Chromium	0.012		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 02:59	MW
7439-92-1	Lead	0.326		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 02:59	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 02:59	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 02:59	MW



Sample Information

Client Sample ID: C3 Comp (0-3)

York Sample ID: 14K0888-01

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 8:00 am

Date Received

11/25/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.29		mg/kg dry	0.0344	0.0344	1	EPA 7473	11/26/2014 10:51	11/26/2014 15:09	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	12/02/2014 10:30	12/02/2014 17:35	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:10	11/26/2014 17:25	AA

Paint Filter Test

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
	* Paint Filter Test	No Free Liquid		-	0	0	1	EPA 9095A	12/01/2014 12:49	12/01/2014 13:08	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.1		%	0.100	0.100	1	SM 2540G	12/02/2014 10:34	12/03/2014 10:50	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	0.402	0.574	1	EPA 7196A	12/04/2014 07:27	12/04/2014 14:46	SC

Corrosivity

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
	pH	9.14		HT-pH pH units		0.500	1	EPA 9045D	12/03/2014 11:47	12/04/2014 14:39	SCA

Reactivity-Cyanide

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: C3 Comp (0-3)

York Sample ID: 14K0888-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 8:00 am

11/25/2014

Reactivity-Cyanide

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
* Reactivity - Cyanide		ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/05/2014 09:57	12/05/2014 15:05	AD

Reactivity-Sulfide

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
* Reactivity - Sulfide		64.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/05/2014 10:01	12/05/2014 15:45	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1.00	1	EPA 1311	12/01/2014 17:20	12/02/2014 13:58	KK

Sample Information

Client Sample ID: C3 Grab (0-3)

York Sample ID: 14K0888-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 8:30 am

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK



Sample Information

Client Sample ID: C3 Grab (0-3)

York Sample ID: 14K0888-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 8:30 am

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	120	230	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
110-82-7	Cyclohexane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
591-78-6	2-Hexanone	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
67-64-1	Acetone	15	Cal-E, CCV-E, ICV-E, J	ug/kg dry	12	23	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
107-02-8	Acrolein	ND		ug/kg dry	12	23	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
71-43-2	Benzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
75-25-2	Bromoform	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
67-66-3	Chloroform	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
79-20-9	Methyl acetate	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK



Sample Information

Client Sample ID: C3 Grab (0-3)

York Sample ID: 14K0888-02

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 8:30 am

Date Received

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

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	12	23	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	23	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
100-42-5	Styrene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
108-88-3	Toluene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.9	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	18	35	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	90.0 %	76-130								
2037-26-5	Surrogate: Toluene-d8	101 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

VOA-CONT

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
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:06	BK

Total Solids

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.3		%	0.100	0.100	1	SM 2540G	12/02/2014 10:34	12/03/2014 10:50	SCA



Sample Information

Client Sample ID: C3 Comp (3-6)

York Sample ID: 14K0888-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 7:00 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
98-86-2	Acetophenone	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
120-12-7	Anthracene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
1912-24-9	Atrazine	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
92-87-5	Benzidine	ND		ug/kg dry	139	278	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
65-85-0	Benzoic acid	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
105-60-2	Caprolactam	ND		ug/kg dry	69.3	138	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
86-74-8	Carbazole	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
218-01-9	Chrysene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR



Sample Information

Client Sample ID: C3 Comp (3-6)

York Sample ID: 14K0888-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 7:00 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	69.3	138	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	69.3	138	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
206-44-0	Fluoranthene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
86-73-7	Fluorene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
78-59-1	Isophorone	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
91-20-3	Naphthalene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	69.3	138	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	69.3	138	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	69.3	138	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	69.3	138	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
85-01-8	Phenanthrene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
108-95-2	Phenol	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
129-00-0	Pyrene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR



Sample Information

Client Sample ID: C3 Comp (3-6)

York Sample ID: 14K0888-03

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 7:00 am

Date Received

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	34.7	69.3	1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	60.2 %									
4165-62-2	Surrogate: Phenol-d5	64.1 %									
4165-60-0	Surrogate: Nitrobenzene-d5	59.2 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	64.2 %									
118-79-6	Surrogate: 2,4,6-Tribromophenol	45.2 %									
1718-51-0	Surrogate: Terphenyl-d14	56.8 %									

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 15:06	SR

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	2.74	2.74	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.74	2.74	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.74	2.74	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.74	2.74	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.74	2.74	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.74	2.74	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.74	2.74	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
57-74-9	Chlordane, total	ND		ug/kg dry	11.0	11.0	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.74	2.74	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.74	2.74	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.74	2.74	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.74	2.74	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.74	2.74	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.74	2.74	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.74	2.74	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
72-20-8	Endrin	ND		ug/kg dry	2.74	2.74	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.74	2.74	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.74	2.74	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW



Sample Information

Client Sample ID: C3 Comp (3-6)

York Sample ID: 14K0888-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 7:00 am

11/25/2014

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/kg dry	2.74	2.74	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.74	2.74	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
72-43-5	Methoxychlor	ND		ug/kg dry	13.7	13.7	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
8001-35-2	Toxaphene	ND		ug/kg dry	139	139	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:32	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	66.2 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	67.0 %		30-140							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.0277	0.0277	1	EPA 8082A	11/26/2014 08:51	12/02/2014 01:38	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0277	0.0277	1	EPA 8082A	11/26/2014 08:51	12/02/2014 01:38	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0277	0.0277	1	EPA 8082A	11/26/2014 08:51	12/02/2014 01:38	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0277	0.0277	1	EPA 8082A	11/26/2014 08:51	12/02/2014 01:38	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0277	0.0277	1	EPA 8082A	11/26/2014 08:51	12/02/2014 01:38	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0277	0.0277	1	EPA 8082A	11/26/2014 08:51	12/02/2014 01:38	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0277	0.0277	1	EPA 8082A	11/26/2014 08:51	12/02/2014 01:38	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0277	0.0277	1	EPA 8082A	11/26/2014 08:51	12/02/2014 01:38	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	68.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	59.5 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	55.4	55.4	1	NJDEP EPH Rev 3.0	12/01/2014 14:00	12/02/2014 13:45	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	43.3 %		40-140							
84-15-1	Surrogate: o-Terphenyl	42.1 %		40-140							

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: C3 Comp (3-6)

York Sample ID: 14K0888-03

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 7:00 am

Date Received

11/25/2014

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

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	4160		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7440-36-0	Antimony	ND		mg/kg dry	0.554	0.554	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7440-38-2	Arsenic	2.69		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7440-39-3	Barium	26.7		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.332	0.332	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7440-70-2	Calcium	971		mg/kg dry	0.554	5.54	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7440-47-3	Chromium	9.81		mg/kg dry	0.554	0.554	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7440-48-4	Cobalt	3.49		mg/kg dry	0.554	0.554	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7440-50-8	Copper	9.55		mg/kg dry	0.554	0.554	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7439-89-6	Iron	9460		mg/kg dry	2.22	2.22	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7439-92-1	Lead	21.0		mg/kg dry	0.332	0.332	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7439-95-4	Magnesium	1060		mg/kg dry	5.54	5.54	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7439-96-5	Manganese	154		mg/kg dry	0.554	0.554	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7440-02-0	Nickel	6.99		mg/kg dry	0.554	0.554	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7440-09-7	Potassium	532		mg/kg dry	5.54	5.54	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7782-49-2	Selenium	2.11		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7440-22-4	Silver	ND		mg/kg dry	0.554	0.554	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7440-23-5	Sodium	40.5		mg/kg dry	11.1	11.1	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7440-62-2	Vanadium	11.8		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW
7440-66-6	Zinc	21.0		mg/kg dry	1.11	1.11	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:24	MW

Metals, TCLP RCRA

Sample Prepared by Method: EPA 3010A/1311

Log-in Notes:

Sample Notes:

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:17	MW
7440-39-3	Barium	0.288		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:17	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:17	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:17	MW
7439-92-1	Lead	0.041		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:17	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:17	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:17	MW



Sample Information

Client Sample ID: C3 Comp (3-6)

York Sample ID: 14K0888-03

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 7:00 am

Date Received

11/25/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0465		mg/kg dry	0.0332	0.0332	1	EPA 7473	11/26/2014 10:51	11/26/2014 15:22	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	12/02/2014 10:30	12/02/2014 17:35	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:10	11/26/2014 17:25	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.3		%	0.100	0.100	1	SM 2540G	12/02/2014 10:34	12/03/2014 10:50	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	0.388	0.554	1	EPA 7196A	12/04/2014 07:27	12/04/2014 14:46	SC

Corrosivity

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
	pH	8.40	HT-pH	pH units		0.500	1	EPA 9045D	12/03/2014 11:47	12/04/2014 14:39	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/05/2014 09:57	12/05/2014 15:05	AD

Reactivity-Sulfide

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: C3 Comp (3-6)

York Sample ID: 14K0888-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 7:00 am

11/25/2014

Reactivity-Sulfide

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
* Reactivity - Sulfide		32.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/05/2014 10:01	12/05/2014 15:45	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1.00	1	EPA 1311	12/01/2014 17:20	12/02/2014 13:58	KK

Sample Information

Client Sample ID: C3 Grab (3-6)

York Sample ID: 14K0888-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 7:30 am

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK



Sample Information

Client Sample ID: C3 Grab (3-6)

York Sample ID: 14K0888-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 7:30 am

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg dry	120	240	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
110-82-7	Cyclohexane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
78-93-3	2-Butanone	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
591-78-6	2-Hexanone	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
67-64-1	Acetone	13	Cal-E, CCV-E, ICV-E, J	ug/kg dry	12	24	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
107-02-8	Acrolein	ND		ug/kg dry	12	24	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
71-43-2	Benzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
75-25-2	Bromoform	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
74-83-9	Bromomethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
75-00-3	Chloroethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
67-66-3	Chloroform	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
74-87-3	Chloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
74-95-3	Dibromomethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
79-20-9	Methyl acetate	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
75-09-2	Methylene chloride	ND		ug/kg dry	12	24	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
95-47-6	o-Xylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK



Sample Information

Client Sample ID: C3 Grab (3-6)

York Sample ID: 14K0888-04

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 7:30 am

Date Received

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	24	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
100-42-5	Styrene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
108-88-3	Toluene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.1	12	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	18	37	1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %				77-125					
460-00-4	Surrogate: p-Bromofluorobenzene	88.3 %				76-130					
2037-26-5	Surrogate: Toluene-d8	99.4 %				85-120					

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	12/01/2014 16:49	12/02/2014 09:42	BK

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	81.8		%	0.100	0.100	1	SM 2540G	12/02/2014 10:34	12/03/2014 10:50	SCA

Sample Information

Client Sample ID: C3 Comp (6-9)

York Sample ID: 14K0888-05

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 10:00 am

Date Received

11/25/2014



Sample Information

Client Sample ID: C3 Comp (6-9)

York Sample ID: 14K0888-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 10:00 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
98-86-2	Acetophenone	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
120-12-7	Anthracene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
1912-24-9	Atrazine	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
92-87-5	Benzidine	ND		ug/kg dry	3770	7540	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
65-85-0	Benzoic acid	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
105-60-2	Caprolactam	ND		ug/kg dry	1880	3760	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
86-74-8	Carbazole	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
218-01-9	Chrysene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH



Sample Information

Client Sample ID: C3 Comp (6-9)

York Sample ID: 14K0888-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 10:00 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1880	3760	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1880	3760	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
206-44-0	Fluoranthene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
86-73-7	Fluorene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
78-59-1	Isophorone	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
91-57-6	2-Methylnaphthalene	1230	J	ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
91-20-3	Naphthalene	1700	J	ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	1880	3760	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	1880	3760	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	1880	3760	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	1880	3760	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
85-01-8	Phenanthrene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
108-95-2	Phenol	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
129-00-0	Pyrene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH



Sample Information

Client Sample ID: C3 Comp (6-9)

York Sample ID: 14K0888-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 10:00 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	944	1880	25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	129 %	S-06			10-99					
4165-62-2	Surrogate: Phenol-d5	141 %	S-06			10-108					
4165-60-0	Surrogate: Nitrobenzene-d5	265 %	S-06			10-119					
321-60-8	Surrogate: 2-Fluorobiphenyl	102 %				10-114					
118-79-6	Surrogate: 2,4,6-Tribromophenol	84.1 %				10-106					
1718-51-0	Surrogate: Terphenyl-d14	91.8 %				10-123					

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	1-methyldecahydronaphthalene	26900	JN	ug/kg dry			25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
000535-77-3	Benzene, 1-methyl-3-(1-methyle	24900	JN	ug/kg dry			25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
015358-88-0	Bicyclo[3.1.1]heptan-3-one, 2,	31700	JN	ug/kg dry			25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
001678-98-4	Cyclohexane, (2-methylpropyl)-	38300	JN	ug/kg dry			25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
006876-23-9	Cyclohexane, 1,2-dimethyl-, tr	24500	JN	ug/kg dry			25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
006044-71-9	Dodecane, 6-methyl-	19500	JN	ug/kg dry			25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
014676-29-0	Heptane, 3-ethyl-2-methyl-	31700	JN	ug/kg dry			25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
002216-32-2	Heptane, 4-ethyl-	25600	JN	ug/kg dry			25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
017301-94-9	Nonane, 4-methyl-	58500	JN	ug/kg dry			25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH
002051-30-1	Octane, 2,6-dimethyl-	46500	JN	ug/kg dry			25	EPA 8270D	12/01/2014 15:00	12/03/2014 18:19	KH

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	2.98	2.98	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.98	2.98	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.98	2.98	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.98	2.98	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.98	2.98	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.98	2.98	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.98	2.98	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
57-74-9	Chlordane, total	ND		ug/kg dry	11.9	11.9	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.98	2.98	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.98	2.98	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW



Sample Information

Client Sample ID: C3 Comp (6-9)

York Sample ID: 14K0888-05

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 10:00 am

Date Received

11/25/2014

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/kg dry	2.98	2.98	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.98	2.98	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.98	2.98	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.98	2.98	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.98	2.98	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
72-20-8	Endrin	ND		ug/kg dry	2.98	2.98	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.98	2.98	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.98	2.98	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.98	2.98	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.98	2.98	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
72-43-5	Methoxychlor	ND		ug/kg dry	14.9	14.9	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
8001-35-2	Toxaphene	ND		ug/kg dry	151	151	5	EPA 8081B	11/26/2014 08:51	12/02/2014 03:48	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	41.3 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	36.4 %		30-140							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	0.0301	0.0301	1	EPA 8082A	11/26/2014 08:51	12/02/2014 02:08	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0301	0.0301	1	EPA 8082A	11/26/2014 08:51	12/02/2014 02:08	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0301	0.0301	1	EPA 8082A	11/26/2014 08:51	12/02/2014 02:08	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0301	0.0301	1	EPA 8082A	11/26/2014 08:51	12/02/2014 02:08	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0301	0.0301	1	EPA 8082A	11/26/2014 08:51	12/02/2014 02:08	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0301	0.0301	1	EPA 8082A	11/26/2014 08:51	12/02/2014 02:08	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0301	0.0301	1	EPA 8082A	11/26/2014 08:51	12/02/2014 02:08	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0301	0.0301	1	EPA 8082A	11/26/2014 08:51	12/02/2014 02:08	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	44.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	46.5 %		30-140							



Sample Information

Client Sample ID: C3 Comp (6-9)

York Sample ID: 14K0888-05

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 10:00 am

Date Received

11/25/2014

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		2080		mg/kg dry	60.2	60.2	1	NJDEP EPH Rev 3.0	12/01/2014 14:00	12/02/2014 14:13	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	43.5 %		40-140							
84-15-1	Surrogate: o-Terphenyl	50.6 %		40-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	13400		mg/kg dry	1.20	1.20	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7440-36-0	Antimony	ND		mg/kg dry	0.602	0.602	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7440-38-2	Arsenic	4.61		mg/kg dry	1.20	1.20	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7440-39-3	Barium	35.0		mg/kg dry	1.20	1.20	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.120	0.120	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.361	0.361	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7440-70-2	Calcium	1220		mg/kg dry	0.602	6.02	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7440-47-3	Chromium	20.3		mg/kg dry	0.602	0.602	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7440-48-4	Cobalt	10.2		mg/kg dry	0.602	0.602	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7440-50-8	Copper	27.6		mg/kg dry	0.602	0.602	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7439-89-6	Iron	24300		mg/kg dry	2.41	2.41	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7439-92-1	Lead	8.87		mg/kg dry	0.361	0.361	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7439-95-4	Magnesium	4040		mg/kg dry	6.02	6.02	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7439-96-5	Manganese	967		mg/kg dry	0.602	0.602	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7440-02-0	Nickel	22.6		mg/kg dry	0.602	0.602	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7440-09-7	Potassium	1460		mg/kg dry	6.02	6.02	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7782-49-2	Selenium	5.77		mg/kg dry	1.20	1.20	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7440-22-4	Silver	ND		mg/kg dry	0.602	0.602	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7440-23-5	Sodium	108		mg/kg dry	12.0	12.0	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7440-28-0	Thallium	ND		mg/kg dry	1.20	1.20	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7440-62-2	Vanadium	25.7		mg/kg dry	1.20	1.20	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW
7440-66-6	Zinc	45.3		mg/kg dry	1.20	1.20	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:28	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:23	MW
7440-39-3	Barium	0.235		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:23	MW



Sample Information

Client Sample ID: C3 Comp (6-9)

York Sample ID: 14K0888-05

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 10:00 am

Date Received

11/25/2014

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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/1311	12/03/2014 14:21	12/04/2014 03:23	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:23	MW
7439-92-1	Lead	0.024		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:23	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:23	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:23	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0361	0.0361	1	EPA 7473	11/26/2014 10:51	11/26/2014 15:30	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	12/02/2014 10:30	12/02/2014 17:35	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:10	11/26/2014 17:25	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.0		%	0.100	0.100	1	SM 2540G	12/02/2014 10:34	12/03/2014 10:50	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	0.422	0.602	1	EPA 7196A	12/04/2014 07:27	12/04/2014 14:46	SC

Corrosivity

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
	pH	7.86	HT-pH	pH units		0.500	1	EPA 9045D	12/03/2014 11:47	12/04/2014 14:39	SCA



Sample Information

Client Sample ID: C3 Comp (6-9)

York Sample ID: 14K0888-05

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 10:00 am

Date Received

11/25/2014

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/05/2014 09:57	12/05/2014 15:05	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	48.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/05/2014 10:01	12/05/2014 15:45	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	12/01/2014 17:20	12/02/2014 13:58	KK

Sample Information

Client Sample ID: C3 Grab (6-9)

York Sample ID: 14K0888-06

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 11:00 am

Date Received

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS



Sample Information

Client Sample ID: C3 Grab (6-9)

York Sample ID: 14K0888-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 11:00 am

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	30000	60000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
110-82-7	Cyclohexane	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
78-93-3	2-Butanone	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
591-78-6	2-Hexanone	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
67-64-1	Acetone	6700	B	ug/kg dry	3000	6000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
107-02-8	Acrolein	ND		ug/kg dry	3000	6000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
71-43-2	Benzene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
75-25-2	Bromoform	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
74-83-9	Bromomethane	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
75-00-3	Chloroethane	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
67-66-3	Chloroform	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
74-87-3	Chloromethane	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
74-95-3	Dibromomethane	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
98-82-8	Isopropylbenzene	9200		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
79-20-9	Methyl acetate	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
75-09-2	Methylene chloride	ND		ug/kg dry	3000	6000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
104-51-8	n-Butylbenzene	14000		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS



Sample Information

Client Sample ID: C3 Grab (6-9)

York Sample ID: 14K0888-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 11:00 am

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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	19000		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
95-47-6	o-Xylene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3000	6000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
135-98-8	sec-Butylbenzene	16000		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
100-42-5	Styrene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
108-88-3	Toluene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1500	3000	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	4500	9100	500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	79.8 %	76-130								
2037-26-5	Surrogate: Toluene-d8	102 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
004551-51-3	1H-Indene, octahydro-, cis-	98000	JN	ug/kg dry			500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
019489-10-2	cis-1-Ethyl-3-methyl-cyclohexa	94000	JN	ug/kg dry			500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	100000	JN	ug/kg dry			500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
004926-78-7	Cyclohexane, 1-ethyl-4-methyl-	71000	JN	ug/kg dry			500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
001678-92-8	Cyclohexane, propyl-	160000	JN	ug/kg dry			500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
007146-60-3	Octane, 2,3-dimethyl-	130000	JN	ug/kg dry			500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS
002216-33-3	Octane, 3-methyl-	67000	JN	ug/kg dry			500	EPA 8260C	12/04/2014 08:20	12/04/2014 18:08	SS



Sample Information

Client Sample ID: C3 Grab (6-9)

York Sample ID: 14K0888-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 11:00 am

11/25/2014

Total Solids

Log-in Notes: VOA-CONT

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	82.7		%	0.100	0.100	1	SM 2540G	12/02/2014 10:34	12/03/2014 10:50	SCA

Sample Information

Client Sample ID: C3 Comp (9-12)

York Sample ID: 14K0888-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 11:30 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
98-86-2	Acetophenone	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
120-12-7	Anthracene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
1912-24-9	Atrazine	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
92-87-5	Benzidine	ND		ug/kg dry	161	323	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
65-85-0	Benzoic acid	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
105-60-2	Caprolactam	ND		ug/kg dry	80.6	161	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
86-74-8	Carbazole	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR



Sample Information

Client Sample ID: C3 Comp (9-12)

York Sample ID: 14K0888-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 11:30 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
218-01-9	Chrysene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	80.6	161	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	80.6	161	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
206-44-0	Fluoranthene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
86-73-7	Fluorene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
78-59-1	Isophorone	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
91-57-6	2-Methylnaphthalene	318		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
91-20-3	Naphthalene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	80.6	161	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR



Sample Information

Client Sample ID: C3 Comp (9-12)

York Sample ID: 14K0888-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 11:30 am

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	80.6	161	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	80.6	161	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	80.6	161	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
85-01-8	Phenanthrene	70.8	J	ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
108-95-2	Phenol	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
129-00-0	Pyrene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	40.4	80.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	67.7 %									
4165-62-2	Surrogate: Phenol-d5	65.4 %									
4165-60-0	Surrogate: Nitrobenzene-d5	82.1 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	65.1 %									
118-79-6	Surrogate: 2,4,6-Tribromophenol	45.1 %									
1718-51-0	Surrogate: Terphenyl-d14	58.0 %									

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
013150-81-7	2,6-Dimethyldecane	2710	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	3110	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
001678-98-4	Cyclohexane, (2-methylpropyl)-	2170	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
004292-75-5	Cyclohexane, hexyl-	2550	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
004292-92-6	Cyclohexane, pentyl-	4190	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
000491-02-1	Cyclohexanol, 5-methyl-2-(1-me	1570	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
017312-53-7	Decane, 3,6-dimethyl-	3230	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
017312-62-8	Decane, 5-propyl-	2320	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
002216-32-2	Heptane, 4-ethyl-	1450	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
000638-36-8	Hexadecane, 2,6,10,14-tetramet (01)	2120	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
005911-04-6	Nonane, 3-methyl-	2110	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR
001921-70-6	Pentadecane, 2,6,10,14-tetrame	2080	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR



Sample Information

Client Sample ID: C3 Comp (9-12)

York Sample ID: 14K0888-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 11:30 am

11/25/2014

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
002980-69-0	Undecane, 4-methyl-	1390	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:08	SR

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	2.13	2.13	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.13	2.13	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.13	2.13	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.13	2.13	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.13	2.13	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.13	2.13	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.13	2.13	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.50	8.50	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.13	2.13	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.13	2.13	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.13	2.13	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.13	2.13	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.13	2.13	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.13	2.13	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.13	2.13	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
72-20-8	Endrin	ND		ug/kg dry	2.13	2.13	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.13	2.13	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.13	2.13	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.13	2.13	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.13	2.13	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.6	10.6	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
8001-35-2	Toxaphene	ND		ug/kg dry	108	108	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:04	JW
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	76.7 %	30-140								
877-09-8	Surrogate: Tetrachloro-m-xylene	70.6 %	30-140								



Sample Information

Client Sample ID: C3 Comp (9-12)

York Sample ID: 14K0888-07

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 11:30 am

Date Received

11/25/2014

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0215	0.0215	1	EPA 8082A	12/01/2014 06:20	12/02/2014 03:06	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0215	0.0215	1	EPA 8082A	12/01/2014 06:20	12/02/2014 03:06	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0215	0.0215	1	EPA 8082A	12/01/2014 06:20	12/02/2014 03:06	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0215	0.0215	1	EPA 8082A	12/01/2014 06:20	12/02/2014 03:06	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0215	0.0215	1	EPA 8082A	12/01/2014 06:20	12/02/2014 03:06	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0215	0.0215	1	EPA 8082A	12/01/2014 06:20	12/02/2014 03:06	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0215	0.0215	1	EPA 8082A	12/01/2014 06:20	12/02/2014 03:06	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0215	0.0215	1	EPA 8082A	12/01/2014 06:20	12/02/2014 03:06	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	81.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	79.5 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		443		mg/kg dry	64.4	64.4	1	NJDEP EPH Rev 3.0	12/01/2014 14:00	12/02/2014 14:41	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	40.3 %		40-140							
84-15-1	Surrogate: o-Terphenyl	40.4 %		40-140							

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	12700		mg/kg dry	1.29	1.29	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW
7440-36-0	Antimony	ND		mg/kg dry	0.644	0.644	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW
7440-38-2	Arsenic	3.90		mg/kg dry	1.29	1.29	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW
7440-39-3	Barium	36.5		mg/kg dry	1.29	1.29	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.129	0.129	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.386	0.386	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW
7440-70-2	Calcium	674		mg/kg dry	0.644	6.44	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW
7440-47-3	Chromium	17.0		mg/kg dry	0.644	0.644	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW
7440-48-4	Cobalt	8.11		mg/kg dry	0.644	0.644	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW
7440-50-8	Copper	16.5		mg/kg dry	0.644	0.644	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW
7439-89-6	Iron	21300		mg/kg dry	2.58	2.58	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW
7439-92-1	Lead	8.25		mg/kg dry	0.386	0.386	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW



Sample Information

Client Sample ID: C3 Comp (9-12)

York Sample ID: 14K0888-07

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 11:30 am

Date Received

11/25/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	3480		mg/kg dry	6.44	6.44	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW
7439-96-5	Manganese	171		mg/kg dry	0.644	0.644	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW
7440-02-0	Nickel	19.3		mg/kg dry	0.644	0.644	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW
7440-09-7	Potassium	1140		mg/kg dry	6.44	6.44	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW
7782-49-2	Selenium	5.40		mg/kg dry	1.29	1.29	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW
7440-22-4	Silver	ND		mg/kg dry	0.644	0.644	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW
7440-23-5	Sodium	78.2		mg/kg dry	12.9	12.9	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW
7440-28-0	Thallium	ND		mg/kg dry	1.29	1.29	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW
7440-62-2	Vanadium	22.4		mg/kg dry	1.29	1.29	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW
7440-66-6	Zinc	42.5		mg/kg dry	1.29	1.29	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:33	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:28	MW
7440-39-3	Barium	0.222		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:28	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:28	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:28	MW
7439-92-1	Lead	0.019		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:28	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:28	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:28	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0386	0.0386	1	EPA 7473	11/26/2014 10:51	11/26/2014 15:39	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	12/02/2014 10:30	12/02/2014 17:35	ALD

Ignitability

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
* Ignitability	Non-Ignit.	-			1	1	1	EPA 1030P	11/25/2014 10:10	11/26/2014 17:25	AA



Sample Information

Client Sample ID: C3 Comp (9-12)

York Sample ID: 14K0888-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 11:30 am

11/25/2014

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	77.6		%	0.100	0.100	1	SM 2540G	12/02/2014 10:34	12/03/2014 10:50	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	0.451	0.644	1	EPA 7196A	12/04/2014 18:41	12/05/2014 13:12	SC

Corrosivity

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
	pH	7.54	HT-pH	pH units		0.500	1	EPA 9045D	12/03/2014 11:47	12/04/2014 14:39	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/05/2014 09:57	12/05/2014 15:05	AD

Reactivity-Sulfide

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
	* Reactivity - Sulfide	56.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/05/2014 10:01	12/05/2014 15:45	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	12/01/2014 17:20	12/02/2014 13:58	KK

Sample Information

Client Sample ID: C3 Grab (9-12)

York Sample ID: 14K0888-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 12:00 pm

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: C3 Grab (9-12)

York Sample ID: 14K0888-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 12:00 pm

11/25/2014

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	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	13000	25000	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
110-82-7	Cyclohexane	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
78-93-3	2-Butanone	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
591-78-6	2-Hexanone	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
67-64-1	Acetone	3200	B	ug/kg dry	1300	2500	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
107-02-8	Acrolein	ND		ug/kg dry	1300	2500	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
71-43-2	Benzene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
75-25-2	Bromoform	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
74-83-9	Bromomethane	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
75-00-3	Chloroethane	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
67-66-3	Chloroform	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
74-87-3	Chloromethane	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS



Sample Information

Client Sample ID: C3 Grab (9-12)

York Sample ID: 14K0888-08

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 12:00 pm

Date Received

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

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	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
74-95-3	Dibromomethane	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
98-82-8	Isopropylbenzene	1300		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
79-20-9	Methyl acetate	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
75-09-2	Methylene chloride	ND		ug/kg dry	1300	2500	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
103-65-1	n-Propylbenzene	2400		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
95-47-6	o-Xylene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	1300	2500	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
100-42-5	Styrene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
108-88-3	Toluene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	630	1300	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	1900	3800	200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	77-125								
460-00-4	Surrogate: p-Bromofluorobenzene	84.6 %	76-130								
2037-26-5	Surrogate: Toluene-d8	101 %	85-120								

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

VOA-CONT

Sample Notes:



Sample Information

Client Sample ID: C3 Grab (9-12)

York Sample ID: 14K0888-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 12:00 pm

11/25/2014

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
019489-10-2	cis-1-Ethyl-3-methyl-cyclohexa	13000	JN	ug/kg dry			200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	16000	JN	ug/kg dry			200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
004926-78-7	Cyclohexane, 1-ethyl-4-methyl-	11000	JN	ug/kg dry			200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
001678-93-9	Cyclohexane, butyl-	15000	JN	ug/kg dry			200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
001678-92-8	Cyclohexane, propyl- (01)	18000	JN	ug/kg dry			200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
024524-56-9	Ether, tert-butyl isopropylide	23000	JN	ug/kg dry			200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
014676-29-0	Heptane, 3-ethyl-2-methyl-	11000	JN	ug/kg dry			200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS
002051-30-1	Octane, 2,6-dimethyl-	28000	JN	ug/kg dry			200	EPA 8260C	12/04/2014 08:20	12/04/2014 18:48	SS

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	79.3		%	0.100	0.100	1	SM 2540G	12/02/2014 10:34	12/03/2014 10:50	SCA

Sample Information

Client Sample ID: C3 Comp (12-15)

York Sample ID: 14K0888-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 12:30 pm

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
98-86-2	Acetophenone	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
120-12-7	Anthracene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
1912-24-9	Atrazine	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
92-87-5	Benzidine	ND		ug/kg dry	158	317	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
65-85-0	Benzoic acid	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR



Sample Information

Client Sample ID: C3 Comp (12-15)

York Sample ID: 14K0888-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 12:30 pm

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
105-60-2	Caprolactam	ND		ug/kg dry	79.1	158	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
86-74-8	Carbazole	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
218-01-9	Chrysene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	79.1	158	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	79.1	158	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
206-44-0	Fluoranthene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
86-73-7	Fluorene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR



Sample Information

Client Sample ID: C3 Comp (12-15)

York Sample ID: 14K0888-09

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 12:30 pm

Date Received

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
78-59-1	Isophorone	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
91-57-6	2-Methylnaphthalene	365		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
91-20-3	Naphthalene	478		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	79.1	158	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	79.1	158	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	79.1	158	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	79.1	158	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
85-01-8	Phenanthrene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
108-95-2	Phenol	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
129-00-0	Pyrene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	39.7	79.1	1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: 2-Fluorophenol	70.1 %	10-99								
4165-62-2	Surrogate: Phenol-d5	66.5 %	10-108								
4165-60-0	Surrogate: Nitrobenzene-d5	94.0 %	10-119								
321-60-8	Surrogate: 2-Fluorobiphenyl	67.1 %	10-114								
118-79-6	Surrogate: 2,4,6-Tribromophenol	45.4 %	10-106								
1718-51-0	Surrogate: Terphenyl-d14	59.3 %	10-123								

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
054411-12-0	Benzene, (2-chloro-2-butenyl)-	1950	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	3500	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR



Sample Information

Client Sample ID: C3 Comp (12-15)

York Sample ID: 14K0888-09

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 12:30 pm

Date Received

11/25/2014

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
054411-00-6	Cyclohexane, 1-methyl-4-(1-met	1800	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
054676-39-0	Cyclohexane, 2-butyl-1,1,3-tri	2310	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
004292-75-5	Cyclohexane, hexyl-	3060	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
017312-53-7	Decane, 3,6-dimethyl-	4130	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
017312-62-8	Decane, 5-propyl-	2260	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
000638-36-8	Hexadecane, 2,6,10,14-tetramet	1890	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
029949-27-7	n-Amylcyclohexane	5300	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
002051-30-1	Octane, 2,6-dimethyl-	2170	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
001921-70-6	Pentadecane, 2,6,10,14-tetrame	1820	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
629-50-5	tridecane	2010	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR
002980-69-0	Undecane, 4-methyl-	1810	JN	ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 16:40	SR

Pesticides, NJDEP/TCL/Part 375 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
309-00-2	Aldrin	ND		ug/kg dry	2.09	2.09	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.09	2.09	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.09	2.09	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.09	2.09	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.09	2.09	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.09	2.09	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.09	2.09	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.35	8.35	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.09	2.09	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.09	2.09	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.09	2.09	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.09	2.09	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.09	2.09	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.09	2.09	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.09	2.09	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
72-20-8	Endrin	ND		ug/kg dry	2.09	2.09	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.09	2.09	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.09	2.09	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.09	2.09	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.09	2.09	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.4	10.4	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW



Sample Information

Client Sample ID: C3 Comp (12-15)

York Sample ID: 14K0888-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 12:30 pm

11/25/2014

Pesticides, NJDEP/TCL/Part 375 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
8001-35-2	Toxaphene	ND		ug/kg dry	106	106	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:19	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	99.7 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	82.1 %		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	0.0211	0.0211	1	EPA 8082A	12/01/2014 06:20	12/02/2014 03:35	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0211	0.0211	1	EPA 8082A	12/01/2014 06:20	12/02/2014 03:35	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0211	0.0211	1	EPA 8082A	12/01/2014 06:20	12/02/2014 03:35	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0211	0.0211	1	EPA 8082A	12/01/2014 06:20	12/02/2014 03:35	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0211	0.0211	1	EPA 8082A	12/01/2014 06:20	12/02/2014 03:35	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0211	0.0211	1	EPA 8082A	12/01/2014 06:20	12/02/2014 03:35	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0211	0.0211	1	EPA 8082A	12/01/2014 06:20	12/02/2014 03:35	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0211	0.0211	1	EPA 8082A	12/01/2014 06:20	12/02/2014 03:35	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	91.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	83.0 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Total EPH		1270		mg/kg dry	63.3	63.3	1	NJDEP EPH Rev 3.0	12/01/2014 14:00	12/02/2014 15:10	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	50.1 %		40-140							
84-15-1	Surrogate: o-Terphenyl	49.8 %		40-140							

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	8430		mg/kg dry	1.27	1.27	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW
7440-36-0	Antimony	ND		mg/kg dry	0.633	0.633	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW
7440-38-2	Arsenic	3.45		mg/kg dry	1.27	1.27	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW
7440-39-3	Barium	20.8		mg/kg dry	1.27	1.27	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW



Sample Information

Client Sample ID: C3 Comp (12-15)

York Sample ID: 14K0888-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 12:30 pm

11/25/2014

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.127	0.127	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.380	0.380	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW
7440-70-2	Calcium	529		mg/kg dry	0.633	6.33	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW
7440-47-3	Chromium	9.92		mg/kg dry	0.633	0.633	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW
7440-48-4	Cobalt	6.94		mg/kg dry	0.633	0.633	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW
7440-50-8	Copper	14.6		mg/kg dry	0.633	0.633	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW
7439-89-6	Iron	17600		mg/kg dry	2.53	2.53	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW
7439-92-1	Lead	6.11		mg/kg dry	0.380	0.380	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW
7439-95-4	Magnesium	3240		mg/kg dry	6.33	6.33	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW
7439-96-5	Manganese	173		mg/kg dry	0.633	0.633	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW
7440-02-0	Nickel	15.4		mg/kg dry	0.633	0.633	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW
7440-09-7	Potassium	869		mg/kg dry	6.33	6.33	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW
7782-49-2	Selenium	4.84		mg/kg dry	1.27	1.27	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW
7440-22-4	Silver	ND		mg/kg dry	0.633	0.633	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW
7440-23-5	Sodium	98.3		mg/kg dry	12.7	12.7	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW
7440-28-0	Thallium	ND		mg/kg dry	1.27	1.27	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW
7440-62-2	Vanadium	14.8		mg/kg dry	1.27	1.27	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW
7440-66-6	Zinc	34.9		mg/kg dry	1.27	1.27	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:38	MW

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A/1311

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:33	MW
7440-39-3	Barium	0.220		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:33	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:33	MW
7440-47-3	Chromium	0.006		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:33	MW
7439-92-1	Lead	0.021		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:33	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:33	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:33	MW



Sample Information

Client Sample ID: C3 Comp (12-15)

York Sample ID: 14K0888-09

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 12:30 pm

Date Received

11/25/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0380	0.0380	1	EPA 7473	11/26/2014 10:51	11/26/2014 15:48	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	12/02/2014 10:30	12/02/2014 17:35	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:10	11/26/2014 17:25	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	79.0		%	0.100	0.100	1	SM 2540G	12/02/2014 10:34	12/03/2014 10:50	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	0.443	0.633	1	EPA 7196A	12/04/2014 18:41	12/05/2014 13:12	SC

Corrosivity

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
	pH	7.25	HT-pH	pH units		0.500	1	EPA 9045D	12/03/2014 11:39	12/04/2014 13:18	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/05/2014 09:57	12/05/2014 15:05	AD

Reactivity-Sulfide

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: C3 Comp (12-15)

York Sample ID: 14K0888-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 12:30 pm

11/25/2014

Reactivity-Sulfide

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
* Reactivity - Sulfide		56.0		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/05/2014 10:01	12/05/2014 15:45	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1.00	1	EPA 1311	12/01/2014 17:20	12/02/2014 13:58	KK

Sample Information

Client Sample ID: C3 Grab (12-15)

York Sample ID: 14K0888-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 12:40 pm

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK



Sample Information

Client Sample ID: C3 Grab (12-15)

York Sample ID: 14K0888-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 12:40 pm

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg dry	12000	25000	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
110-82-7	Cyclohexane	2200		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
78-93-3	2-Butanone	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
591-78-6	2-Hexanone	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
67-64-1	Acetone	ND		ug/kg dry	610	1200	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
107-02-8	Acrolein	ND		ug/kg dry	610	1200	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
71-43-2	Benzene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
75-25-2	Bromoform	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
74-83-9	Bromomethane	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
75-00-3	Chloroethane	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
67-66-3	Chloroform	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
74-87-3	Chloromethane	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
74-95-3	Dibromomethane	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
108-87-2	Methylcyclohexane	19000		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
98-82-8	Isopropylbenzene	8900		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
79-20-9	Methyl acetate	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
75-09-2	Methylene chloride	ND		ug/kg dry	610	1200	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
104-51-8	n-Butylbenzene	11000		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
103-65-1	n-Propylbenzene	16000		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
95-47-6	o-Xylene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	610	1200	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK



Sample Information

Client Sample ID: C3 Grab (12-15)

York Sample ID: 14K0888-10

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 12:40 pm

Date Received

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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
135-98-8	sec-Butylbenzene	14000		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
100-42-5	Styrene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	610	1200	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
98-06-6	tert-Butylbenzene	1200		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
108-88-3	Toluene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	310	610	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	920	1800	100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %				77-125					
460-00-4	Surrogate: p-Bromofluorobenzene	103 %				76-130					
2037-26-5	Surrogate: Toluene-d8	130 %	S-04			85-120					

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
NA	cyclohexanone isomer	96000		ug/kg dry			100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
NA	dimethyl Cyclohexane isomer	0.0		ug/kg dry			100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
NA	indene isomer	1700		ug/kg dry			100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
	Tentatively Identified Compounds	0.0		ug/kg dry			100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK
NA	trimethy cyclopentane isomer	2300		ug/kg dry			100	EPA 8260C	12/02/2014 08:55	12/02/2014 13:21	BK

Total Solids

Log-in Notes: VOA-CONT

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	81.4		%	0.100	0.100	1	SM 2540G	12/02/2014 10:34	12/03/2014 10:50	SCA



Sample Information

Client Sample ID: C3 Comp (15-18)

York Sample ID: 14K0888-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 12:50 pm

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
98-86-2	Acetophenone	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
120-12-7	Anthracene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
1912-24-9	Atrazine	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
92-87-5	Benzidine	ND		ug/kg dry	153	307	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
65-85-0	Benzoic acid	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
105-60-2	Caprolactam	ND		ug/kg dry	76.6	153	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
86-74-8	Carbazole	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
218-01-9	Chrysene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR



Sample Information

Client Sample ID: C3 Comp (15-18)

York Sample ID: 14K0888-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 12:50 pm

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	76.6	153	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	76.6	153	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
206-44-0	Fluoranthene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
86-73-7	Fluorene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
78-59-1	Isophorone	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
91-57-6	2-Methylnaphthalene	63.7	J	ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
91-20-3	Naphthalene	99.2		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	76.6	153	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	76.6	153	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	76.6	153	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
98-95-3	Nitrobenzene	54.5	J	ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	76.6	153	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
85-01-8	Phenanthrene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
108-95-2	Phenol	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
129-00-0	Pyrene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR



Sample Information

Client Sample ID: C3 Comp (15-18)

York Sample ID: 14K0888-11

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 12:50 pm

Date Received

11/25/2014

Semi-Volatiles, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	38.4	76.6	1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	68.8 %									
4165-62-2	Surrogate: Phenol-d5	68.7 %									
4165-60-0	Surrogate: Nitrobenzene-d5	74.2 %									
321-60-8	Surrogate: 2-Fluorobiphenyl	64.4 %									
118-79-6	Surrogate: 2,4,6-Tribromophenol	45.6 %									
1718-51-0	Surrogate: Terphenyl-d14	58.4 %									

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			1	EPA 8270D	12/01/2014 15:00	12/02/2014 17:11	SR

Pesticides, NJDEP/TCL/Part 375 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.08	8.08	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
72-20-8	Endrin	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW



Sample Information

Client Sample ID: C3 Comp (15-18)

York Sample ID: 14K0888-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 12:50 pm

11/25/2014

Pesticides, NJDEP/TCL/Part 375 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
76-44-8	Heptachlor	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.02	2.02	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.1	10.1	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
8001-35-2	Toxaphene	ND		ug/kg dry	102	102	5	EPA 8081B	12/01/2014 06:20	12/02/2014 04:35	JW
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	57.9 %		30-140							
877-09-8	Surrogate: Tetrachloro-m-xylene	70.8 %		30-140							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A	12/01/2014 06:20	12/02/2014 04:04	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A	12/01/2014 06:20	12/02/2014 04:04	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A	12/01/2014 06:20	12/02/2014 04:04	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A	12/01/2014 06:20	12/02/2014 04:04	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A	12/01/2014 06:20	12/02/2014 04:04	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A	12/01/2014 06:20	12/02/2014 04:04	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A	12/01/2014 06:20	12/02/2014 04:04	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0204	0.0204	1	EPA 8082A	12/01/2014 06:20	12/02/2014 04:04	AMC
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	75.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	67.0 %		30-140							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	61.2	61.2	1	NJDEP EPH Rev 3.0	12/02/2014 16:09	12/03/2014 09:05	JW
Surrogate Recoveries		Result		Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	23.6 %	S-DUP	40-140							
84-15-1	Surrogate: o-Terphenyl	24.5 %	S-DUP	40-140							

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: C3 Comp (15-18)

York Sample ID: 14K0888-11

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 12:50 pm

Date Received

11/25/2014

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

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	9270		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7440-36-0	Antimony	ND		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7440-38-2	Arsenic	2.78		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7440-39-3	Barium	24.8		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.122	0.122	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.367	0.367	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7440-70-2	Calcium	712		mg/kg dry	0.612	6.12	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7440-47-3	Chromium	12.0		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7440-48-4	Cobalt	8.49		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7440-50-8	Copper	16.5		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7439-89-6	Iron	19700		mg/kg dry	2.45	2.45	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7439-92-1	Lead	6.30		mg/kg dry	0.367	0.367	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7439-95-4	Magnesium	3310		mg/kg dry	6.12	6.12	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7439-96-5	Manganese	170		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7440-02-0	Nickel	17.9		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7440-09-7	Potassium	959		mg/kg dry	6.12	6.12	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7782-49-2	Selenium	4.61		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7440-22-4	Silver	ND		mg/kg dry	0.612	0.612	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7440-23-5	Sodium	187		mg/kg dry	12.2	12.2	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7440-28-0	Thallium	ND		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7440-62-2	Vanadium	16.5		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW
7440-66-6	Zinc	38.7		mg/kg dry	1.22	1.22	1	EPA 6010C	12/02/2014 14:43	12/03/2014 00:43	MW

Metals, TCLP RCRA

Sample Prepared by Method: EPA 3010A/1311

Log-in Notes:

Sample Notes:

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	ND		mg/L	0.004	0.004	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:39	MW
7440-39-3	Barium	0.228		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:39	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:39	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:39	MW
7439-92-1	Lead	0.015		mg/L	0.003	0.003	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:39	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:39	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C/1311	12/03/2014 14:21	12/04/2014 03:39	MW



Sample Information

Client Sample ID: C3 Comp (15-18)

York Sample ID: 14K0888-11

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 12:50 pm

Date Received

11/25/2014

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0367	0.0367	1	EPA 7473	11/26/2014 10:51	11/26/2014 15:57	ALD

Mercury TCLP 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	0.0000390	0.000200	1	EPA 7473/1311	12/02/2014 10:30	12/02/2014 17:35	ALD

Ignitability

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
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	11/25/2014 10:10	11/26/2014 17:25	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	81.7		%	0.100	0.100	1	SM 2540G	12/02/2014 10:34	12/03/2014 10:50	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	0.429	0.612	1	EPA 7196A	12/04/2014 18:41	12/05/2014 13:12	SC

Corrosivity

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
	pH	6.82	HT-pH	pH units		0.500	1	EPA 9045D	12/03/2014 11:39	12/04/2014 13:18	SCA

Reactivity-Cyanide

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
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	12/05/2014 09:57	12/05/2014 15:05	AD

Reactivity-Sulfide

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: C3 Comp (15-18)

York Sample ID: 14K0888-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 12:50 pm

11/25/2014

Reactivity-Sulfide

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
* Reactivity - Sulfide		208		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	12/05/2014 10:01	12/05/2014 15:45	AD

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1.00	1	EPA 1311	12/01/2014 17:20	12/02/2014 13:58	KK

Sample Information

Client Sample ID: C3 Grab (15-18)

York Sample ID: 14K0888-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

14K0888

Grid Section C3 25 Kent Avenue, Brooklyn NY

Soil

November 24, 2014 1:00 pm

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK



Sample Information

Client Sample ID: C3 Grab (15-18)

York Sample ID: 14K0888-12

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 1:00 pm

Date Received

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes:

VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg dry	13000	26000	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
110-82-7	Cyclohexane	540	J	ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
78-93-3	2-Butanone	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
591-78-6	2-Hexanone	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
67-64-1	Acetone	ND		ug/kg dry	650	1300	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
107-02-8	Acrolein	ND		ug/kg dry	650	1300	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
71-43-2	Benzene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
75-25-2	Bromoform	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
74-83-9	Bromomethane	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
75-00-3	Chloroethane	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
67-66-3	Chloroform	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
74-87-3	Chloromethane	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
74-95-3	Dibromomethane	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
108-87-2	Methylcyclohexane	1200		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
98-82-8	Isopropylbenzene	670		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
79-20-9	Methyl acetate	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
75-09-2	Methylene chloride	ND		ug/kg dry	650	1300	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
104-51-8	n-Butylbenzene	600	J	ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
103-65-1	n-Propylbenzene	1300		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
95-47-6	o-Xylene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	650	1300	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK



Sample Information

Client Sample ID: C3 Grab (15-18)

York Sample ID: 14K0888-12

York Project (SDG) No.

14K0888

Client Project ID

Grid Section C3 25 Kent Avenue, Brooklyn NY

Matrix

Soil

Collection Date/Time

November 24, 2014 1:00 pm

Date Received

11/25/2014

Volatile Organics, NJDEP/TCL/Part 375 List

Log-in Notes: VOA-CONT

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
135-98-8	sec-Butylbenzene	1000		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
100-42-5	Styrene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	650	1300	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
108-88-3	Toluene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	330	650	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	980	2000	100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %				77-125					
460-00-4	Surrogate: p-Bromofluorobenzene	99.5 %				76-130					
2037-26-5	Surrogate: Toluene-d8	103 %				85-120					

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes: VOA-CONT

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
NA	dimethyl Cyclohexane isomer	7500		ug/kg dry			100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
NA	dimethyl octane isomer	9200		ug/kg dry			100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
NA	methyl Nonane isomer	12000		ug/kg dry			100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
NA	propyl Cyclohexane isomer	10000		ug/kg dry			100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
	Tentatively Identified Compounds	0.0		ug/kg dry			100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK
NA	trimethyl cyclopentane isomer	5300		ug/kg dry			100	EPA 8260C	12/02/2014 08:55	12/02/2014 14:04	BK

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	76.9		%	0.100	0.100	1	SM 2540G	12/02/2014 10:34	12/03/2014 10:50	SCA



Analytical Batch Summary

Batch ID: BK41193 **Preparation Method:** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-01	C3 Comp (0-3)	11/25/14
14K0888-03	C3 Comp (3-6)	11/25/14
14K0888-05	C3 Comp (6-9)	11/25/14
14K0888-07	C3 Comp (9-12)	11/25/14
14K0888-09	C3 Comp (12-15)	11/25/14
14K0888-11	C3 Comp (15-18)	11/25/14

Batch ID: BK41251 **Preparation Method:** EPA 3545A **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-01	C3 Comp (0-3)	11/26/14
14K0888-01	C3 Comp (0-3)	11/26/14
14K0888-03	C3 Comp (3-6)	11/26/14
14K0888-03	C3 Comp (3-6)	11/26/14
14K0888-05	C3 Comp (6-9)	11/26/14
14K0888-05	C3 Comp (6-9)	11/26/14
BK41251-BLK1	Blank	11/26/14
BK41251-BLK1	Blank	11/26/14
BK41251-BS1	LCS	11/26/14
BK41251-BS2	LCS	11/26/14
BK41251-BSD1	LCS Dup	11/26/14

Batch ID: BK41260 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-01	C3 Comp (0-3)	11/26/14
14K0888-03	C3 Comp (3-6)	11/26/14
14K0888-05	C3 Comp (6-9)	11/26/14
14K0888-07	C3 Comp (9-12)	11/26/14
14K0888-09	C3 Comp (12-15)	11/26/14
14K0888-11	C3 Comp (15-18)	11/26/14
BK41260-BLK1	Blank	11/26/14
BK41260-SRM1	Reference	11/26/14

Batch ID: BL40001 **Preparation Method:** EPA 3545A **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-01	C3 Comp (0-3)	12/01/14
14K0888-03	C3 Comp (3-6)	12/01/14
14K0888-05	C3 Comp (6-9)	12/01/14
14K0888-07	C3 Comp (9-12)	12/01/14
14K0888-09	C3 Comp (12-15)	12/01/14
BL40001-BLK1	Blank	12/01/14
BL40001-BS1	LCS	12/01/14



BL40001-BSD1

LCS Dup

12/01/14

Batch ID: BL40006**Preparation Method:** EPA 3550C**Prepared By:** TFD

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-07	C3 Comp (9-12)	12/01/14
14K0888-07	C3 Comp (9-12)	12/01/14
14K0888-09	C3 Comp (12-15)	12/01/14
14K0888-09	C3 Comp (12-15)	12/01/14
14K0888-11	C3 Comp (15-18)	12/01/14
14K0888-11	C3 Comp (15-18)	12/01/14
BL40006-BLK1	Blank	12/01/14
BL40006-BLK1	Blank	12/01/14
BL40006-BS1	LCS	12/01/14
BL40006-BS2	LCS	12/01/14
BL40006-BSD1	LCS Dup	12/01/14
BL40006-BSD2	LCS Dup	12/01/14

Batch ID: BL40035**Preparation Method:** Analysis Preparation**Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-01	C3 Comp (0-3)	12/01/14

Batch ID: BL40041**Preparation Method:** EPA 3545A**Prepared By:** DB

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-01	C3 Comp (0-3)	12/01/14
14K0888-03	C3 Comp (3-6)	12/01/14
14K0888-05	C3 Comp (6-9)	12/01/14
14K0888-07	C3 Comp (9-12)	12/01/14
14K0888-09	C3 Comp (12-15)	12/01/14
14K0888-11	C3 Comp (15-18)	12/01/14
BL40041-BLK1	Blank	12/01/14
BL40041-BS1	LCS	12/01/14
BL40041-BSD1	LCS Dup	12/01/14
BL40041-MS1	Matrix Spike	12/01/14

Batch ID: BL40055**Preparation Method:** EPA 5035A**Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-02	C3 Grab (0-3)	12/01/14
14K0888-04	C3 Grab (3-6)	12/01/14
BL40055-BLK1	Blank	12/01/14
BL40055-BS1	LCS	12/01/14
BL40055-BSD1	LCS Dup	12/01/14
BL40055-DUP1	Duplicate	12/01/14
BL40055-MS1	Matrix Spike	12/01/14



Batch ID: BL40067 **Preparation Method:** EPA SW 846-1311 TCLP ext. for met **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-01	C3 Comp (0-3)	12/01/14
14K0888-03	C3 Comp (3-6)	12/01/14
14K0888-05	C3 Comp (6-9)	12/01/14
14K0888-07	C3 Comp (9-12)	12/01/14
14K0888-09	C3 Comp (12-15)	12/01/14
14K0888-11	C3 Comp (15-18)	12/01/14
BL40067-BLK1	Blank	12/01/14

Batch ID: BL40096 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-01	C3 Comp (0-3)	12/02/14
14K0888-03	C3 Comp (3-6)	12/02/14
14K0888-05	C3 Comp (6-9)	12/02/14
14K0888-07	C3 Comp (9-12)	12/02/14
14K0888-09	C3 Comp (12-15)	12/02/14
14K0888-11	C3 Comp (15-18)	12/02/14
BL40096-BLK1	Blank	12/02/14
BL40096-DUP1	Duplicate	12/02/14
BL40096-MS1	Matrix Spike	12/02/14
BL40096-SRM1	Reference	12/02/14

Batch ID: BL40100 **Preparation Method:** % Solids Prep **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-01	C3 Comp (0-3)	12/02/14
14K0888-02	C3 Grab (0-3)	12/02/14
14K0888-03	C3 Comp (3-6)	12/02/14
14K0888-04	C3 Grab (3-6)	12/02/14
14K0888-05	C3 Comp (6-9)	12/02/14
14K0888-06	C3 Grab (6-9)	12/02/14
14K0888-07	C3 Comp (9-12)	12/02/14
14K0888-08	C3 Grab (9-12)	12/02/14
14K0888-09	C3 Comp (12-15)	12/02/14
14K0888-10	C3 Grab (12-15)	12/02/14
14K0888-11	C3 Comp (15-18)	12/02/14
14K0888-12	C3 Grab (15-18)	12/02/14

Batch ID: BL40112 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-10	C3 Grab (12-15)	12/02/14
14K0888-12	C3 Grab (15-18)	12/02/14
BL40112-BLK1	Blank	12/02/14
BL40112-BS1	LCS	12/02/14
BL40112-BSD1	LCS Dup	12/02/14



Batch ID: BL40115 **Preparation Method:** EPA 3545A **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-11	C3 Comp (15-18)	12/02/14
BL40115-BLK1	Blank	12/02/14
BL40115-BS1	LCS	12/02/14
BL40115-BSD1	LCS Dup	12/02/14

Batch ID: BL40126 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-01	C3 Comp (0-3)	12/02/14
14K0888-03	C3 Comp (3-6)	12/02/14
14K0888-05	C3 Comp (6-9)	12/02/14
14K0888-07	C3 Comp (9-12)	12/02/14
14K0888-09	C3 Comp (12-15)	12/02/14
14K0888-11	C3 Comp (15-18)	12/02/14
BL40126-BLK1	Blank	12/02/14
BL40126-SRM1	Reference	12/02/14

Batch ID: BL40185 **Preparation Method:** Analysis Preparation **Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-09	C3 Comp (12-15)	12/03/14
14K0888-11	C3 Comp (15-18)	12/03/14

Batch ID: BL40188 **Preparation Method:** Analysis Preparation **Prepared By:** SCA

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-01	C3 Comp (0-3)	12/03/14
14K0888-03	C3 Comp (3-6)	12/03/14
14K0888-05	C3 Comp (6-9)	12/03/14
14K0888-07	C3 Comp (9-12)	12/03/14
BL40188-DUP1	Duplicate	12/03/14

Batch ID: BL40209 **Preparation Method:** EPA 3010A/1311 **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-01	C3 Comp (0-3)	12/03/14
14K0888-03	C3 Comp (3-6)	12/03/14
14K0888-05	C3 Comp (6-9)	12/03/14
14K0888-07	C3 Comp (9-12)	12/03/14
14K0888-09	C3 Comp (12-15)	12/03/14
14K0888-11	C3 Comp (15-18)	12/03/14
BL40209-BLK1	Blank	12/03/14
BL40209-BLK2	Blank	12/03/14
BL40209-DUP1	Duplicate	12/03/14



BL40209-MS1	Matrix Spike	12/03/14
BL40209-SRM1	Reference	12/03/14

Batch ID: BL40240 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-01	C3 Comp (0-3)	12/04/14
14K0888-03	C3 Comp (3-6)	12/04/14
14K0888-05	C3 Comp (6-9)	12/04/14
BL40240-BLK1	Blank	12/04/14
BL40240-DUP1	Duplicate	12/04/14
BL40240-MS1	Matrix Spike	12/04/14
BL40240-SRM1	Reference	12/04/14

Batch ID: BL40281 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-06	C3 Grab (6-9)	12/04/14
14K0888-08	C3 Grab (9-12)	12/04/14
BL40281-BLK1	Blank	12/04/14
BL40281-BS1	LCS	12/04/14
BL40281-BSD1	LCS Dup	12/04/14

Batch ID: BL40302 **Preparation Method:** EPA SW846-3060 **Prepared By:** KK

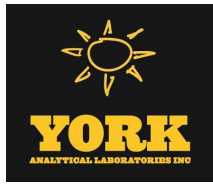
YORK Sample ID	Client Sample ID	Preparation Date
14K0888-07	C3 Comp (9-12)	12/04/14
14K0888-09	C3 Comp (12-15)	12/04/14
14K0888-11	C3 Comp (15-18)	12/04/14
BL40302-BLK1	Blank	12/04/14
BL40302-SRM1	Reference	12/04/14

Batch ID: BL40328 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-01	C3 Comp (0-3)	12/05/14
14K0888-03	C3 Comp (3-6)	12/05/14
14K0888-05	C3 Comp (6-9)	12/05/14
14K0888-07	C3 Comp (9-12)	12/05/14
14K0888-09	C3 Comp (12-15)	12/05/14
14K0888-11	C3 Comp (15-18)	12/05/14
BL40328-BLK1	Blank	12/05/14

Batch ID: BL40329 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
14K0888-01	C3 Comp (0-3)	12/05/14
14K0888-03	C3 Comp (3-6)	12/05/14



14K0888-05	C3 Comp (6-9)	12/05/14
14K0888-07	C3 Comp (9-12)	12/05/14
14K0888-09	C3 Comp (12-15)	12/05/14
14K0888-11	C3 Comp (15-18)	12/05/14
BL40329-BLK1	Blank	12/05/14
BL40329-BS1	LCS	12/05/14
BL40329-DUP1	Duplicate	12/05/14



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BL40055 - EPA 5035A

Blank (BL40055-BLK1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet
Tentatively Identified Compounds	0.0		"
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	"
Bromochloromethane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
1,4-Dioxane	ND	100	"
Cyclohexane	ND	5.0	"
2-Butanone	ND	5.0	"
2-Hexanone	ND	5.0	"
4-Methyl-2-pentanone	ND	5.0	"
Acetone	ND	10	"
Acrolein	ND	10	"
Acrylonitrile	ND	5.0	"
Benzene	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"
Carbon disulfide	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	5.0	"
cis-1,2-Dichloroethylene	ND	5.0	"
cis-1,3-Dichloropropylene	ND	5.0	"
Dibromochloromethane	ND	5.0	"
Dibromomethane	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
Ethyl Benzene	ND	5.0	"
Methylcyclohexane	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl acetate	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylene chloride	ND	10	"
n-Butylbenzene	ND	5.0	"
1,2,3-Trichlorobenzene	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 BL40055 - EPA 5035A

Blank (BL40055-BLK1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

n-Propylbenzene	ND	5.0	ug/kg wet
o-Xylene	ND	5.0	"
p- & m- Xylenes	ND	10	"
p-Isopropyltoluene	ND	5.0	"
sec-Butylbenzene	ND	5.0	"
Styrene	ND	5.0	"
tert-Butyl alcohol (TBA)	ND	5.0	"
tert-Butylbenzene	ND	5.0	"
Tetrachloroethylene	ND	5.0	"
Toluene	ND	5.0	"
trans-1,2-Dichloroethylene	ND	5.0	"
trans-1,3-Dichloropropylene	ND	5.0	"
Trichloroethylene	ND	5.0	"
Trichlorofluoromethane	ND	5.0	"
Vinyl Chloride	ND	5.0	"
Xylenes, Total	ND	15	"

Surrogate: 1,2-Dichloroethane-d4	44.6	ug/L	50.0	89.3	77-125
Surrogate: p-Bromofluorobenzene	46.1	"	50.0	92.3	76-130
Surrogate: Toluene-d8	51.2	"	50.0	102	85-120

LCS (BL40055-BS1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

1,1,1,2-Tetrachloroethane	52	ug/L	50.0	104	75-129
1,1,1-Trichloroethane	50	"	50.0	101	71-137
1,1,2,2-Tetrachloroethane	52	"	50.0	104	79-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40	"	50.0	80.1	58-146
1,1,2-Trichloroethane	54	"	50.0	107	83-123
1,1-Dichloroethane	50	"	50.0	99.4	75-130
1,1-Dichloroethylene	41	"	50.0	82.4	64-137
Bromochloromethane	53	"	50.0	106	74-129
1,2,4-Trichlorobenzene	45	"	50.0	89.3	80-141
1,2,4-Trimethylbenzene	47	"	50.0	93.6	84-125
1,2-Dibromo-3-chloropropane	58	"	50.0	115	74-142
1,2-Dibromoethane	54	"	50.0	108	86-123
1,2-Dichlorobenzene	51	"	50.0	102	85-122
1,2-Dichloroethane	52	"	50.0	104	71-133
1,2-Dichloropropane	52	"	50.0	104	81-122
1,3,5-Trimethylbenzene	44	"	50.0	88.5	82-126
1,3-Dichlorobenzene	47	"	50.0	93.3	84-124
1,4-Dichlorobenzene	47	"	50.0	94.4	84-124
1,4-Dioxane	1100	"	1000	109	10-228
Cyclohexane	49	"	50.0	98.1	70-130
2-Butanone	46	"	50.0	92.9	58-147
2-Hexanone	51	"	50.0	102	70-139
4-Methyl-2-pentanone	54	"	50.0	108	72-132
Acetone	32	"	50.0	64.7	36-155
Acrolein	29	"	50.0	58.6	10-238
Acrylonitrile	49	"	50.0	98.1	66-141
Benzene	52	"	50.0	104	77-127
Bromodichloromethane	54	"	50.0	109	81-124
Bromoform	53	"	50.0	105	80-136
Bromomethane	36	"	50.0	72.4	32-177
Carbon disulfide	36	"	50.0	71.6	10-136



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 BL40055 - EPA 5035A

LCS (BL40055-BS1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Carbon tetrachloride	51		ug/L	50.0		103	66-143				
Chlorobenzene	52		"	50.0		104	86-120				
Chloroethane	37		"	50.0		74.3	51-142				
Chloroform	52		"	50.0		104	76-131				
Chloromethane	47		"	50.0		94.5	49-132				
cis-1,2-Dichloroethylene	53		"	50.0		106	74-132				
cis-1,3-Dichloropropylene	51		"	50.0		102	81-129				
Dibromochloromethane	56		"	50.0		111	10-200				
Dibromomethane	54		"	50.0		107	83-124				
Dichlorodifluoromethane	44		"	50.0		88.2	28-158				
Ethyl Benzene	52		"	50.0		104	84-125				
Methylcyclohexane	50		"	50.0		99.4	70-130				
Hexachlorobutadiene	55		"	50.0		110	83-133				
Isopropylbenzene	52		"	50.0		103	81-127				
Methyl acetate	40		"	50.0		80.9	41-143				
Methyl tert-butyl ether (MTBE)	47		"	50.0		94.9	74-131				
Methylene chloride	44		"	50.0		88.1	57-141				
n-Butylbenzene	51		"	50.0		102	80-130				
1,2,3-Trichlorobenzene	46		"	50.0		92.9	81-140				
n-Propylbenzene	50		"	50.0		99.3	74-136				
o-Xylene	53		"	50.0		107	83-123				
p- & m- Xylenes	110		"	100		106	82-128				
p-Isopropyltoluene	47		"	50.0		94.7	85-125				
sec-Butylbenzene	49		"	50.0		98.1	83-125				
Styrene	53		"	50.0		107	86-126				
tert-Butyl alcohol (TBA)	55		"	50.0		110	70-130				
tert-Butylbenzene	51		"	50.0		102	80-127				
Tetrachloroethylene	50		"	50.0		99.9	80-129				
Toluene	53		"	50.0		106	85-121				
trans-1,2-Dichloroethylene	45		"	50.0		90.9	72-132				
trans-1,3-Dichloropropylene	49		"	50.0		97.7	78-132				
Trichloroethylene	52		"	50.0		104	84-123				
Trichlorofluoromethane	43		"	50.0		85.2	62-140				
Vinyl Chloride	39		"	50.0		78.0	52-130				
Surrogate: 1,2-Dichloroethane-d4	51.9		"	50.0		104	77-125				
Surrogate: p-Bromofluorobenzene	44.0		"	50.0		87.9	76-130				
Surrogate: Toluene-d8	50.8		"	50.0		102	85-120				



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 BL40055 - EPA 5035A											
LCS Dup (BL40055-BSD1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		101	75-129		3.14	30	
1,1,1-Trichloroethane	52		"	50.0		103	71-137		2.65	30	
1,1,2,2-Tetrachloroethane	52		"	50.0		105	79-129		0.919	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	39		"	50.0		78.9	58-146		1.43	30	
1,1,2-Trichloroethane	55		"	50.0		109	83-123		1.88	30	
1,1-Dichloroethane	50		"	50.0		99.3	75-130		0.101	30	
1,1-Dichloroethylene	42		"	50.0		83.2	64-137		1.06	30	
Bromochloromethane	54		"	50.0		108	74-129		1.64	30	
1,2,4-Trichlorobenzene	44		"	50.0		87.7	80-141		1.83	30	
1,2,4-Trimethylbenzene	46		"	50.0		91.9	84-125		1.79	30	
1,2-Dibromo-3-chloropropane	55		"	50.0		111	74-142		4.23	30	
1,2-Dibromoethane	54		"	50.0		108	86-123		0.482	30	
1,2-Dichlorobenzene	51		"	50.0		102	85-122		0.668	30	
1,2-Dichloroethane	52		"	50.0		104	71-133		0.595	30	
1,2-Dichloropropane	53		"	50.0		105	81-122		0.953	30	
1,3,5-Trimethylbenzene	43		"	50.0		86.5	82-126		2.24	30	
1,3-Dichlorobenzene	45		"	50.0		90.1	84-124		3.51	30	
1,4-Dichlorobenzene	48		"	50.0		96.0	84-124		1.64	30	
1,4-Dioxane	1300		"	1000		129	10-228		17.1	30	
Cyclohexane	50		"	50.0		99.8	70-130		1.74	30	
2-Butanone	47		"	50.0		93.0	58-147		0.151	30	
2-Hexanone	53		"	50.0		106	70-139		3.84	30	
4-Methyl-2-pentanone	55		"	50.0		110	72-132		2.20	30	
Acetone	32		"	50.0		64.1	36-155		0.931	30	
Acrolein	22		"	50.0		44.9	10-238		26.5	30	
Acrylonitrile	60		"	50.0		120	66-141		20.0	30	
Benzene	51		"	50.0		103	77-127		0.970	30	
Bromodichloromethane	52		"	50.0		105	81-124		3.79	30	
Bromoform	53		"	50.0		106	80-136		0.513	30	
Bromomethane	35		"	50.0		70.7	32-177		2.46	30	
Carbon disulfide	37		"	50.0		74.2	10-136		3.62	30	
Carbon tetrachloride	50		"	50.0		101	66-143		2.08	30	
Chlorobenzene	51		"	50.0		103	86-120		1.20	30	
Chloroethane	37		"	50.0		73.9	51-142		0.621	30	
Chloroform	52		"	50.0		104	76-131		0.443	30	
Chloromethane	41		"	50.0		83.0	49-132		13.0	30	
cis-1,2-Dichloroethylene	51		"	50.0		102	74-132		3.35	30	
cis-1,3-Dichloropropylene	50		"	50.0		99.3	81-129		3.19	30	
Dibromochloromethane	56		"	50.0		112	10-200		0.609	30	
Dibromomethane	53		"	50.0		106	83-124		0.804	30	
Dichlorodifluoromethane	40		"	50.0		80.4	28-158		9.25	30	
Ethyl Benzene	52		"	50.0		104	84-125		0.269	30	
Methylcyclohexane	50		"	50.0		99.9	70-130		0.542	30	
Hexachlorobutadiene	54		"	50.0		108	83-133		2.44	30	
Isopropylbenzene	50		"	50.0		100	81-127		2.58	30	
Methyl acetate	41		"	50.0		81.6	41-143		0.886	30	
Methyl tert-butyl ether (MTBE)	49		"	50.0		97.7	74-131		2.91	30	
Methylene chloride	43		"	50.0		86.9	57-141		1.28	30	
n-Butylbenzene	48		"	50.0		97.0	80-130		5.12	30	
1,2,3-Trichlorobenzene	46		"	50.0		92.2	81-140		0.692	30	
n-Propylbenzene	49		"	50.0		97.5	74-136		1.75	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 BL40055 - EPA 5035A

LCS Dup (BL40055-BSD1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

o-Xylene	52		ug/L	50.0		105	83-123		1.87	30	
p- & m- Xylenes	110		"	100		105	82-128		0.682	30	
p-Isopropyltoluene	46		"	50.0		92.6	85-125		2.26	30	
sec-Butylbenzene	48		"	50.0		95.8	83-125		2.37	30	
Styrene	53		"	50.0		106	86-126		0.640	30	
tert-Butyl alcohol (TBA)	58		"	50.0		116	70-130		5.72	30	
tert-Butylbenzene	49		"	50.0		98.7	80-127		2.78	30	
Tetrachloroethylene	48		"	50.0		96.6	80-129		3.34	30	
Toluene	52		"	50.0		104	85-121		1.60	30	
trans-1,2-Dichloroethylene	48		"	50.0		95.4	72-132		4.87	30	
trans-1,3-Dichloropropylene	50		"	50.0		99.6	78-132		1.84	30	
Trichloroethylene	50		"	50.0		100	84-123		3.45	30	
Trichlorofluoromethane	42		"	50.0		84.5	62-140		0.919	30	
Vinyl Chloride	37		"	50.0		73.2	52-130		6.40	30	
Surrogate: 1,2-Dichloroethane-d4	51.9		"	50.0		104	77-125				
Surrogate: p-Bromofluorobenzene	43.1		"	50.0		86.3	76-130				
Surrogate: Toluene-d8	50.5		"	50.0		101	85-120				

Duplicate (BL40055-DUP1)

*Source sample: 14K0888-02 (C3 Grab (0-3))

Prepared: 12/01/2014 Analyzed: 12/02/2014

1,1,1,2-Tetrachloroethane	ND	12	ug/kg dry		ND					200	
1,1,1-Trichloroethane	ND	12	"		ND					200	
1,1,2,2-Tetrachloroethane	ND	12	"		ND					200	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	12	"		ND					200	
1,1,2-Trichloroethane	ND	12	"		ND					200	
1,1-Dichloroethane	ND	12	"		ND					200	
1,1-Dichloroethylene	ND	12	"		ND					200	
Bromochloromethane	ND	12	"		ND					200	
1,2,4-Trichlorobenzene	ND	12	"		ND					200	
1,2,4-Trimethylbenzene	ND	12	"		ND					200	
1,2-Dibromo-3-chloropropane	ND	12	"		ND					200	
1,2-Dibromoethane	ND	12	"		ND					200	
1,2-Dichlorobenzene	ND	12	"		ND					200	
1,2-Dichloroethane	ND	12	"		ND					200	
1,2-Dichloropropane	ND	12	"		ND					200	
1,3,5-Trimethylbenzene	ND	12	"		ND					200	
1,3-Dichlorobenzene	ND	12	"		ND					200	
1,4-Dichlorobenzene	ND	12	"		ND					200	
1,4-Dioxane	ND	230	"		ND					200	
Cyclohexane	ND	12	"		ND					200	
2-Butanone	ND	12	"		ND					200	
2-Hexanone	ND	12	"		ND					200	
4-Methyl-2-pentanone	ND	12	"		ND					200	
Acetone	ND	23	"		15					200	
Acrolein	ND	23	"		ND					200	
Acrylonitrile	ND	12	"		ND					200	
Benzene	ND	12	"		ND					200	
Bromodichloromethane	ND	12	"		ND					200	
Bromoform	ND	12	"		ND					200	
Bromomethane	ND	12	"		ND					200	
Carbon disulfide	ND	12	"		ND					200	
Carbon tetrachloride	ND	12	"		ND					200	
Chlorobenzene	ND	12	"		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 BL40055 - EPA 5035A

Duplicate (BL40055-DUP1)	*Source sample: 14K0888-02 (C3 Grab (0-3))					Prepared: 12/01/2014 Analyzed: 12/02/2014					
Chloroethane	ND	12	ug/kg dry		ND					200	
Chloroform	ND	12	"		ND					200	
Chloromethane	ND	12	"		ND					200	
cis-1,2-Dichloroethylene	ND	12	"		ND					200	
cis-1,3-Dichloropropylene	ND	12	"		ND					200	
Dibromochloromethane	ND	12	"		ND					200	
Dibromomethane	ND	12	"		ND					200	
Dichlorodifluoromethane	ND	12	"		ND					200	
Ethyl Benzene	ND	12	"		ND					200	
Methylcyclohexane	ND	12	"		ND					200	
Hexachlorobutadiene	ND	12	"		ND					200	
Isopropylbenzene	ND	12	"		ND					200	
Methyl acetate	ND	12	"		ND					200	
Methyl tert-butyl ether (MTBE)	ND	12	"		ND					200	
Methylene chloride	ND	23	"		ND					200	
n-Butylbenzene	ND	12	"		ND					200	
1,2,3-Trichlorobenzene	ND	12	"		ND					200	
n-Propylbenzene	ND	12	"		ND					200	
o-Xylene	ND	12	"		ND					200	
p- & m- Xylenes	ND	23	"		ND					200	
p-Isopropyltoluene	ND	12	"		ND					200	
sec-Butylbenzene	ND	12	"		ND					200	
Styrene	ND	12	"		ND					200	
tert-Butyl alcohol (TBA)	ND	12	"		ND					200	
tert-Butylbenzene	ND	12	"		ND					200	
Tetrachloroethylene	ND	12	"		ND					200	
Toluene	ND	12	"		ND					200	
trans-1,2-Dichloroethylene	ND	12	"		ND					200	
trans-1,3-Dichloropropylene	ND	12	"		ND					200	
Trichloroethylene	ND	12	"		ND					200	
Trichlorofluoromethane	ND	12	"		ND					200	
Vinyl Chloride	ND	12	"		ND					200	
Xylenes, Total	ND	35	"		ND					200	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>52.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>105</i>	<i>77-125</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>43.5</i>		<i>"</i>	<i>50.0</i>		<i>87.0</i>	<i>76-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>49.8</i>		<i>"</i>	<i>50.0</i>		<i>99.5</i>	<i>85-120</i>				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BL40055 - EPA 5035A

Matrix Spike (BL40055-MS1)		*Source sample: 14K0888-02 (C3 Grab (0-3))					Prepared: 12/01/2014 Analyzed: 12/02/2014				
1,1,1,2-Tetrachloroethane	43		ug/L	50.0	ND	86.2	15-161				
1,1,1-Trichloroethane	45		"	50.0	ND	89.5	42-145				
1,1,2,2-Tetrachloroethane	32		"	50.0	ND	64.6	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	31		"	50.0	ND	62.6	11-160				
1,1,2-Trichloroethane	44		"	50.0	ND	87.8	44-145				
1,1-Dichloroethane	42		"	50.0	ND	84.1	46-142				
1,1-Dichloroethylene	34		"	50.0	ND	67.1	30-153				
Bromochloromethane	41		"	50.0	ND	81.8	38-145				
1,2,4-Trichlorobenzene	20		"	50.0	ND	39.4	10-151				
1,2,4-Trimethylbenzene	21		"	50.0	ND	42.1	10-170				
1,2-Dibromo-3-chloropropane	38		"	50.0	ND	76.4	36-138				
1,2-Dibromoethane	37		"	50.0	ND	73.2	40-142				
1,2-Dichlorobenzene	25		"	50.0	ND	50.9	10-147				
1,2-Dichloroethane	41		"	50.0	ND	82.3	48-133				
1,2-Dichloropropane	47		"	50.0	ND	93.5	47-141				
1,3,5-Trimethylbenzene	31		"	50.0	ND	61.0	10-150				
1,3-Dichlorobenzene	22		"	50.0	ND	44.7	10-144				
1,4-Dichlorobenzene	23		"	50.0	ND	46.0	10-160				
1,4-Dioxane	990		"	1000	ND	99.0	10-191				
Cyclohexane	42		"	50.0	ND	83.6	70-130				
2-Butanone	52		"	50.0	ND	104	10-189				
2-Hexanone	46		"	50.0	ND	91.6	10-181				
4-Methyl-2-pentanone	47		"	50.0	ND	93.3	10-166				
Acetone	50		"	50.0	6.5	87.5	10-196				
Acrolein	20		"	50.0	ND	40.1	10-192				
Acrylonitrile	36		"	50.0	ND	71.2	13-161				
Benzene	41		"	50.0	ND	81.9	43-139				
Bromodichloromethane	46		"	50.0	ND	91.7	38-147				
Bromoform	35		"	50.0	ND	69.9	29-156				
Bromomethane	21		"	50.0	ND	42.7	10-166				
Carbon disulfide	26		"	50.0	ND	51.2	10-131				
Carbon tetrachloride	44		"	50.0	ND	87.7	35-145				
Chlorobenzene	32		"	50.0	ND	64.9	21-154				
Chloroethane	31		"	50.0	ND	61.5	15-160				
Chloroform	45		"	50.0	ND	90.0	47-142				
Chloromethane	38		"	50.0	ND	76.3	10-159				
cis-1,2-Dichloroethylene	38		"	50.0	ND	75.8	42-144				
cis-1,3-Dichloropropylene	32		"	50.0	ND	64.3	18-159				
Dibromochloromethane	41		"	50.0	ND	82.8	10-179				
Dibromomethane	42		"	50.0	ND	84.1	47-143				
Dichlorodifluoromethane	41		"	50.0	ND	81.4	10-145				
Ethyl Benzene	34		"	50.0	ND	68.5	11-158				
Methylcyclohexane	37		"	50.0	ND	74.4	70-130				
Hexachlorobutadiene	24		"	50.0	ND	48.3	10-158				
Isopropylbenzene	37		"	50.0	ND	73.7	10-162				
Methyl acetate	23		"	50.0	ND	46.0	10-149				
Methyl tert-butyl ether (MTBE)	42		"	50.0	ND	83.0	42-152				
Methylene chloride	39		"	50.0	ND	78.5	28-151				
n-Butylbenzene	29		"	50.0	ND	58.6	10-162				
1,2,3-Trichlorobenzene	21		"	50.0	ND	41.5	10-157				
n-Propylbenzene	29		"	50.0	ND	57.6	10-155				



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 BL40055 - EPA 5035A

Matrix Spike (BL40055-MS1)		*Source sample: 14K0888-02 (C3 Grab (0-3))					Prepared: 12/01/2014 Analyzed: 12/02/2014				
o-Xylene	38		ug/L	50.0	ND	76.6	10-158				
p- & m- Xylenes	65		"	100	ND	65.4	10-156				
p-Isopropyltoluene	31		"	50.0	ND	61.9	10-147				
sec-Butylbenzene	32		"	50.0	ND	63.5	10-157				
Styrene	27		"	50.0	ND	54.3	13-171				
tert-Butyl alcohol (TBA)	43		"	50.0	ND	86.5	34-179				
tert-Butylbenzene	36		"	50.0	ND	71.3	10-160				
Tetrachloroethylene	60		"	50.0	ND	120	30-167				
Toluene	40		"	50.0	ND	79.7	21-160				
trans-1,2-Dichloroethylene	34		"	50.0	ND	67.1	29-153				
trans-1,3-Dichloropropylene	28		"	50.0	ND	56.8	18-155				
Trichloroethylene	43		"	50.0	ND	86.9	24-169				
Trichlorofluoromethane	36		"	50.0	ND	73.0	35-142				
Vinyl Chloride	30		"	50.0	ND	59.8	12-160				
Surrogate: 1,2-Dichloroethane-d4	49.8		"	50.0		99.6	77-125				
Surrogate: p-Bromofluorobenzene	43.8		"	50.0		87.5	70-130				
Surrogate: Toluene-d8	50.0		"	50.0		100	85-120				

Batch BL40112 - EPA 5035A

Blank (BL40112-BLK1)		Prepared & Analyzed: 12/02/2014									
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
Tentatively Identified Compounds	0.0		"								
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	"								
Bromochloromethane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
Cyclohexane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								



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 BL40112 - EPA 5035A

Blank (BL40112-BLK1)

Prepared & Analyzed: 12/02/2014

Carbon disulfide	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	"
Methylcyclohexane	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl acetate	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylene chloride	ND	10	"
n-Butylbenzene	ND	5.0	"
1,2,3-Trichlorobenzene	ND	5.0	"
n-Propylbenzene	ND	5.0	"
o-Xylene	ND	5.0	"
p- & m- Xylenes	ND	10	"
p-Isopropyltoluene	ND	5.0	"
sec-Butylbenzene	ND	5.0	"
Styrene	ND	5.0	"
tert-Butyl alcohol (TBA)	ND	5.0	"
tert-Butylbenzene	ND	5.0	"
Tetrachloroethylene	ND	5.0	"
Toluene	ND	5.0	"
trans-1,2-Dichloroethylene	ND	5.0	"
trans-1,3-Dichloropropylene	ND	5.0	"
Trichloroethylene	ND	5.0	"
Trichlorofluoromethane	ND	5.0	"
Vinyl Chloride	ND	5.0	"
Xylenes, Total	ND	15	"

Surrogate: 1,2-Dichloroethane-d4	47.7	ug/L	50.0	95.4	77-125
Surrogate: p-Bromofluorobenzene	50.9	"	50.0	102	76-130
Surrogate: Toluene-d8	52.9	"	50.0	106	85-120



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 BL40112 - EPA 5035A											
LCS (BL40112-BS1)						Prepared & Analyzed: 12/02/2014					
1,1,1,2-Tetrachloroethane	56		ug/L	50.0		113	75-129				
1,1,1-Trichloroethane	54		"	50.0		109	71-137				
1,1,2,2-Tetrachloroethane	54		"	50.0		107	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		107	58-146				
1,1,2-Trichloroethane	58		"	50.0		116	83-123				
1,1-Dichloroethane	55		"	50.0		110	75-130				
1,1-Dichloroethylene	52		"	50.0		104	64-137				
Bromochloromethane	66		"	50.0		132	74-129	High Bias			
1,2,4-Trichlorobenzene	57		"	50.0		113	80-141				
1,2,4-Trimethylbenzene	55		"	50.0		110	84-125				
1,2-Dibromo-3-chloropropane	59		"	50.0		119	74-142				
1,2-Dibromoethane	56		"	50.0		112	86-123				
1,2-Dichlorobenzene	53		"	50.0		107	85-122				
1,2-Dichloroethane	60		"	50.0		119	71-133				
1,2-Dichloropropane	53		"	50.0		107	81-122				
1,3,5-Trimethylbenzene	53		"	50.0		105	82-126				
1,3-Dichlorobenzene	54		"	50.0		107	84-124				
1,4-Dichlorobenzene	55		"	50.0		110	84-124				
1,4-Dioxane	1200		"	1000		115	10-228				
Cyclohexane	52		"	50.0		103	70-130				
2-Butanone	110		"	50.0		213	58-147	High Bias			
2-Hexanone	73		"	50.0		146	70-139	High Bias			
4-Methyl-2-pentanone	58		"	50.0		116	72-132				
Acetone	91		"	50.0		182	36-155	High Bias			
Acrolein	140		"	50.0		274	10-238	High Bias			
Acrylonitrile	62		"	50.0		123	66-141				
Benzene	55		"	50.0		111	77-127				
Bromodichloromethane	57		"	50.0		114	81-124				
Bromoform	57		"	50.0		115	80-136				
Bromomethane	52		"	50.0		104	32-177				
Carbon disulfide	52		"	50.0		104	10-136				
Carbon tetrachloride	54		"	50.0		109	66-143				
Chlorobenzene	57		"	50.0		115	86-120				
Chloroethane	53		"	50.0		105	51-142				
Chloroform	57		"	50.0		114	76-131				
Chloromethane	48		"	50.0		95.7	49-132				
cis-1,2-Dichloroethylene	50		"	50.0		99.3	74-132				
cis-1,3-Dichloropropylene	59		"	50.0		119	81-129				
Dibromochloromethane	58		"	50.0		116	10-200				
Dibromomethane	59		"	50.0		118	83-124				
Dichlorodifluoromethane	40		"	50.0		80.3	28-158				
Ethyl Benzene	56		"	50.0		113	84-125				
Methylcyclohexane	55		"	50.0		111	70-130				
Hexachlorobutadiene	56		"	50.0		112	83-133				
Isopropylbenzene	51		"	50.0		103	81-127				
Methyl acetate	56		"	50.0		113	41-143				
Methyl tert-butyl ether (MTBE)	57		"	50.0		114	74-131				
Methylene chloride	45		"	50.0		90.6	57-141				
n-Butylbenzene	54		"	50.0		109	80-130				
1,2,3-Trichlorobenzene	58		"	50.0		115	81-140				
n-Propylbenzene	53		"	50.0		107	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 BL40112 - EPA 5035A											
LCS (BL40112-BS1)						Prepared & Analyzed: 12/02/2014					
o-Xylene	58		ug/L	50.0		117	83-123				
p- & m- Xylenes	120		"	100		117	82-128				
p-Isopropyltoluene	54		"	50.0		107	85-125				
sec-Butylbenzene	53		"	50.0		106	83-125				
Styrene	58		"	50.0		115	86-126				
tert-Butyl alcohol (TBA)	72		"	50.0		144	70-130	High Bias			
tert-Butylbenzene	54		"	50.0		108	80-127				
Tetrachloroethylene	61		"	50.0		122	80-129				
Toluene	56		"	50.0		113	85-121				
trans-1,2-Dichloroethylene	53		"	50.0		106	72-132				
trans-1,3-Dichloropropylene	60		"	50.0		119	78-132				
Trichloroethylene	56		"	50.0		111	84-123				
Trichlorofluoromethane	52		"	50.0		104	62-140				
Vinyl Chloride	49		"	50.0		98.9	52-130				
Surrogate: 1,2-Dichloroethane-d4	52.4		"	50.0		105	77-125				
Surrogate: p-Bromofluorobenzene	49.7		"	50.0		99.3	76-130				
Surrogate: Toluene-d8	51.3		"	50.0		103	85-120				
LCS Dup (BL40112-BSD1)						Prepared & Analyzed: 12/02/2014					
1,1,1,2-Tetrachloroethane	56		ug/L	50.0		112	75-129		0.873	30	
1,1,1-Trichloroethane	56		"	50.0		113	71-137		3.97	30	
1,1,2,2-Tetrachloroethane	57		"	50.0		114	79-129		6.56	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		112	58-146		4.24	30	
1,1,2-Trichloroethane	56		"	50.0		112	83-123		3.58	30	
1,1-Dichloroethane	55		"	50.0		109	75-130		0.401	30	
1,1-Dichloroethylene	52		"	50.0		104	64-137		0.0768	30	
Bromochloromethane	69		"	50.0		137	74-129	High Bias	3.57	30	
1,2,4-Trichlorobenzene	53		"	50.0		107	80-141		6.05	30	
1,2,4-Trimethylbenzene	57		"	50.0		113	84-125		2.62	30	
1,2-Dibromo-3-chloropropane	59		"	50.0		118	74-142		0.830	30	
1,2-Dibromoethane	53		"	50.0		106	86-123		5.80	30	
1,2-Dichlorobenzene	56		"	50.0		112	85-122		4.67	30	
1,2-Dichloroethane	61		"	50.0		123	71-133		2.94	30	
1,2-Dichloropropane	54		"	50.0		109	81-122		1.89	30	
1,3,5-Trimethylbenzene	56		"	50.0		112	82-126		6.16	30	
1,3-Dichlorobenzene	54		"	50.0		108	84-124		0.465	30	
1,4-Dichlorobenzene	56		"	50.0		112	84-124		2.24	30	
1,4-Dioxane	1300		"	1000		127	10-228		9.85	30	
Cyclohexane	52		"	50.0		104	70-130		0.656	30	
2-Butanone	63		"	50.0		126	58-147		51.5	30	Non-dir.
2-Hexanone	50		"	50.0		99.4	70-139		38.3	30	Non-dir.
4-Methyl-2-pentanone	53		"	50.0		106	72-132		8.73	30	
Acetone	49		"	50.0		98.8	36-155		59.4	30	Non-dir.
Acrolein	160		"	50.0		316	10-238	High Bias	14.5	30	
Acrylonitrile	62		"	50.0		124	66-141		0.534	30	
Benzene	57		"	50.0		113	77-127		2.37	30	
Bromodichloromethane	57		"	50.0		114	81-124		0.334	30	
Bromoform	60		"	50.0		120	80-136		4.49	30	
Bromomethane	53		"	50.0		105	32-177		1.43	30	
Carbon disulfide	51		"	50.0		103	10-136		1.18	30	
Carbon tetrachloride	56		"	50.0		111	66-143		2.33	30	
Chlorobenzene	56		"	50.0		113	86-120		1.74	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 BL40112 - EPA 5035A

LCS Dup (BL40112-BSD1)

Prepared & Analyzed: 12/02/2014

Chloroethane	52		ug/L	50.0		105	51-142		0.475	30	
Chloroform	59		"	50.0		117	76-131		2.90	30	
Chloromethane	48		"	50.0		95.3	49-132		0.335	30	
cis-1,2-Dichloroethylene	50		"	50.0		99.9	74-132		0.602	30	
cis-1,3-Dichloropropylene	58		"	50.0		116	81-129		2.26	30	
Dibromochloromethane	56		"	50.0		111	10-200		4.36	30	
Dibromomethane	58		"	50.0		116	83-124		1.08	30	
Dichlorodifluoromethane	42		"	50.0		83.7	28-158		4.05	30	
Ethyl Benzene	56		"	50.0		111	84-125		1.27	30	
Methylcyclohexane	54		"	50.0		108	70-130		2.51	30	
Hexachlorobutadiene	52		"	50.0		105	83-133		7.04	30	
Isopropylbenzene	56		"	50.0		112	81-127		8.77	30	
Methyl acetate	55		"	50.0		110	41-143		2.76	30	
Methyl tert-butyl ether (MTBE)	58		"	50.0		116	74-131		1.86	30	
Methylene chloride	46		"	50.0		92.3	57-141		1.84	30	
n-Butylbenzene	54		"	50.0		109	80-130		0.110	30	
1,2,3-Trichlorobenzene	53		"	50.0		107	81-140		7.52	30	
n-Propylbenzene	56		"	50.0		112	74-136		4.61	30	
o-Xylene	55		"	50.0		110	83-123		5.91	30	
p- & m- Xylenes	110		"	100		112	82-128		4.47	30	
p-Isopropyltoluene	54		"	50.0		108	85-125		0.354	30	
sec-Butylbenzene	56		"	50.0		112	83-125		5.70	30	
Styrene	55		"	50.0		110	86-126		4.60	30	
tert-Butyl alcohol (TBA)	64		"	50.0		128	70-130		11.4	30	
tert-Butylbenzene	58		"	50.0		117	80-127		8.07	30	
Tetrachloroethylene	50		"	50.0		99.4	80-129		20.5	30	
Toluene	54		"	50.0		108	85-121		4.81	30	
trans-1,2-Dichloroethylene	55		"	50.0		111	72-132		4.42	30	
trans-1,3-Dichloropropylene	59		"	50.0		118	78-132		1.35	30	
Trichloroethylene	55		"	50.0		110	84-123		1.16	30	
Trichlorofluoromethane	53		"	50.0		106	62-140		1.68	30	
Vinyl Chloride	49		"	50.0		97.9	52-130		0.955	30	
Surrogate: 1,2-Dichloroethane-d4	50.7		"	50.0		101	77-125				
Surrogate: p-Bromofluorobenzene	51.5		"	50.0		103	76-130				
Surrogate: Toluene-d8	49.6		"	50.0		99.3	85-120				



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 BL40281 - EPA 5035A

Blank (BL40281-BLK1)

Prepared & Analyzed: 12/04/2014

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet
1,1,1-Trichloroethane	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,1-Dichloroethylene	ND	5.0	"
Bromochloromethane	ND	5.0	"
1,2,4-Trichlorobenzene	6.3	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
1,4-Dioxane	ND	100	"
Cyclohexane	ND	5.0	"
2-Butanone	ND	5.0	"
2-Hexanone	ND	5.0	"
4-Methyl-2-pentanone	ND	5.0	"
Acetone	9.9	10	"
Acrolein	ND	10	"
Acrylonitrile	ND	5.0	"
Benzene	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"
Carbon disulfide	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	5.0	"
cis-1,2-Dichloroethylene	ND	5.0	"
cis-1,3-Dichloropropylene	ND	5.0	"
Dibromochloromethane	ND	5.0	"
Dibromomethane	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
Ethyl Benzene	ND	5.0	"
Methylcyclohexane	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl acetate	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylene chloride	ND	10	"
n-Butylbenzene	ND	5.0	"
1,2,3-Trichlorobenzene	14	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 BL40281 - EPA 5035A

Blank (BL40281-BLK1)

Prepared & Analyzed: 12/04/2014

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

Surrogate: 1,2-Dichloroethane-d4	49.1	ug/L	50.0	98.2	77-125
Surrogate: p-Bromofluorobenzene	53.0	"	50.0	106	76-130
Surrogate: Toluene-d8	52.5	"	50.0	105	85-120

LCS (BL40281-BS1)

Prepared & Analyzed: 12/04/2014

1,1,1,2-Tetrachloroethane	58	ug/L	50.0	116	75-129	
1,1,1-Trichloroethane	57	"	50.0	115	71-137	
1,1,2,2-Tetrachloroethane	49	"	50.0	97.3	79-129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54	"	50.0	108	58-146	
1,1,2-Trichloroethane	56	"	50.0	111	83-123	
1,1-Dichloroethane	55	"	50.0	110	75-130	
1,1-Dichloroethylene	54	"	50.0	109	64-137	
Bromochloromethane	53	"	50.0	105	74-129	
1,2,4-Trichlorobenzene	67	"	50.0	135	80-141	
1,2,4-Trimethylbenzene	55	"	50.0	109	84-125	
1,2-Dibromo-3-chloropropane	65	"	50.0	130	74-142	
1,2-Dibromoethane	55	"	50.0	111	86-123	
1,2-Dichlorobenzene	54	"	50.0	107	85-122	
1,2-Dichloroethane	59	"	50.0	118	71-133	
1,2-Dichloropropane	54	"	50.0	108	81-122	
1,3,5-Trimethylbenzene	53	"	50.0	106	82-126	
1,3-Dichlorobenzene	53	"	50.0	106	84-124	
1,4-Dichlorobenzene	54	"	50.0	108	84-124	
1,4-Dioxane	1100	"	12500	8.82	10-228	Low Bias
Cyclohexane	130	"	50.0	265	70-130	High Bias
2-Butanone	62	"	50.0	125	58-147	
2-Hexanone	61	"	50.0	123	70-139	
4-Methyl-2-pentanone	60	"	50.0	120	72-132	
Acetone	66	"	50.0	131	36-155	
Acrolein	55	"	50.0	110	10-238	
Acrylonitrile	55	"	50.0	111	66-141	
Benzene	52	"	50.0	104	77-127	
Bromodichloromethane	59	"	50.0	117	81-124	
Bromoform	52	"	50.0	104	80-136	
Bromomethane	55	"	50.0	110	32-177	
Carbon disulfide	53	"	50.0	107	10-136	
Carbon tetrachloride	59	"	50.0	118	66-143	



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 BL40281 - EPA 5035A											
LCS (BL40281-BS1)						Prepared & Analyzed: 12/04/2014					
Chlorobenzene	55		ug/L	50.0		110	86-120				
Chloroethane	52		"	50.0		104	51-142				
Chloroform	56		"	50.0		112	76-131				
Chloromethane	22		"	50.0		45.0	49-132	Low Bias			
cis-1,2-Dichloroethylene	52		"	50.0		104	74-132				
cis-1,3-Dichloropropylene	57		"	50.0		113	81-129				
Dibromochloromethane	58		"	50.0		116	10-200				
Dibromomethane	58		"	50.0		116	83-124				
Dichlorodifluoromethane	30		"	50.0		59.6	28-158				
Ethyl Benzene	56		"	50.0		113	84-125				
Methylcyclohexane	51	5.0	ug/kg wet				70-130				
Hexachlorobutadiene	58		ug/L	50.0		115	83-133				
Isopropylbenzene	49		"	50.0		98.1	81-127				
Methyl acetate	53		"	50.0		105	41-143				
Methyl tert-butyl ether (MTBE)	55		"	50.0		111	74-131				
Methylene chloride	51		"	50.0		103	57-141				
n-Butylbenzene	55		"	50.0		109	80-130				
1,2,3-Trichlorobenzene	71		"	50.0		143	81-140	High Bias			
n-Propylbenzene	51		"	50.0		102	74-136				
o-Xylene	57		"	50.0		114	83-123				
p- & m- Xylenes	110		"	100		114	82-128				
p-Isopropyltoluene	53		"	50.0		107	85-125				
sec-Butylbenzene	52		"	50.0		105	83-125				
Styrene	56		"	50.0		113	86-126				
tert-Butyl alcohol (TBA)	48		"	50.0		95.7	70-130				
tert-Butylbenzene	51		"	50.0		103	80-127				
Tetrachloroethylene	56		"	50.0		112	80-129				
Toluene	55		"	50.0		110	85-121				
trans-1,2-Dichloroethylene	50		"	50.0		99.8	72-132				
trans-1,3-Dichloropropylene	58		"	50.0		116	78-132				
Trichloroethylene	55		"	50.0		109	84-123				
Trichlorofluoromethane	56		"	50.0		113	62-140				
Vinyl Chloride	53		"	50.0		107	52-130				
Surrogate: 1,2-Dichloroethane-d4	55.5		"	50.0		111	77-125				
Surrogate: p-Bromofluorobenzene	46.4		"	50.0		92.8	76-130				
Surrogate: Toluene-d8	50.6		"	50.0		101	85-120				



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 BL40281 - EPA 5035A											
LCS Dup (BL40281-BSD1)						Prepared & Analyzed: 12/04/2014					
1,1,1,2-Tetrachloroethane	58		ug/L	50.0		116	75-129		0.208	30	
1,1,1-Trichloroethane	56		"	50.0		112	71-137		2.25	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		98.7	79-129		1.43	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		107	58-146		1.08	30	
1,1,2-Trichloroethane	55		"	50.0		109	83-123		1.88	30	
1,1-Dichloroethane	53		"	50.0		106	75-130		3.79	30	
1,1-Dichloroethylene	54		"	50.0		109	64-137		0.110	30	
Bromochloromethane	52		"	50.0		105	74-129		0.532	30	
1,2,4-Trichlorobenzene	69		"	50.0		138	80-141		2.40	30	
1,2,4-Trimethylbenzene	54		"	50.0		107	84-125		1.94	30	
1,2-Dibromo-3-chloropropane	63		"	50.0		127	74-142		2.43	30	
1,2-Dibromoethane	56		"	50.0		111	86-123		0.379	30	
1,2-Dichlorobenzene	54		"	50.0		108	85-122		1.02	30	
1,2-Dichloroethane	58		"	50.0		116	71-133		1.95	30	
1,2-Dichloropropane	54		"	50.0		108	81-122		0.519	30	
1,3,5-Trimethylbenzene	53		"	50.0		106	82-126		0.207	30	
1,3-Dichlorobenzene	54		"	50.0		107	84-124		1.26	30	
1,4-Dichlorobenzene	53		"	50.0		106	84-124		1.59	30	
1,4-Dioxane	1100		"	12500		8.65	10-228	Low Bias	1.89	30	
Cyclohexane	130		"	50.0		259	70-130	High Bias	2.46	30	
2-Butanone	58		"	50.0		115	58-147		7.84	30	
2-Hexanone	62		"	50.0		124	70-139		0.826	30	
4-Methyl-2-pentanone	61		"	50.0		122	72-132		1.52	30	
Acetone	52		"	50.0		103	36-155		24.0	30	
Acrolein	58		"	50.0		115	10-238		4.44	30	
Acrylonitrile	54		"	50.0		108	66-141		2.76	30	
Benzene	51		"	50.0		103	77-127		1.20	30	
Bromodichloromethane	58		"	50.0		115	81-124		1.89	30	
Bromoform	53		"	50.0		106	80-136		1.81	30	
Bromomethane	55		"	50.0		110	32-177		0.109	30	
Carbon disulfide	52		"	50.0		105	10-136		1.93	30	
Carbon tetrachloride	57		"	50.0		113	66-143		4.02	30	
Chlorobenzene	54		"	50.0		108	86-120		2.09	30	
Chloroethane	55		"	50.0		110	51-142		5.67	30	
Chloroform	55		"	50.0		110	76-131		1.67	30	
Chloromethane	21		"	50.0		42.0	49-132	Low Bias	6.99	30	
cis-1,2-Dichloroethylene	53		"	50.0		106	74-132		1.86	30	
cis-1,3-Dichloropropylene	55		"	50.0		110	81-129		2.54	30	
Dibromochloromethane	58		"	50.0		116	10-200		0.0173	30	
Dibromomethane	57		"	50.0		115	83-124		1.45	30	
Dichlorodifluoromethane	31		"	50.0		62.9	28-158		5.38	30	
Ethyl Benzene	56		"	50.0		111	84-125		1.32	30	
Methylcyclohexane	51	5.0	ug/kg wet				70-130		1.55	30	
Hexachlorobutadiene	57		ug/L	50.0		115	83-133		0.122	30	
Isopropylbenzene	49		"	50.0		97.8	81-127		0.245	30	
Methyl acetate	49		"	50.0		97.6	41-143		7.65	30	
Methyl tert-butyl ether (MTBE)	57		"	50.0		113	74-131		2.22	30	
Methylene chloride	52		"	50.0		104	57-141		0.678	30	
n-Butylbenzene	54		"	50.0		109	80-130		0.624	30	
1,2,3-Trichlorobenzene	75		"	50.0		149	81-140	High Bias	4.48	30	
n-Propylbenzene	50		"	50.0		100	74-136		1.96	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 BL40281 - EPA 5035A

LCS Dup (BL40281-BSD1)

Prepared & Analyzed: 12/04/2014

o-Xylene	57		ug/L	50.0		113	83-123		0.581	30	
p- & m- Xylenes	110		"	100		115	82-128		0.752	30	
p-Isopropyltoluene	53		"	50.0		107	85-125		0.112	30	
sec-Butylbenzene	51		"	50.0		102	83-125		2.28	30	
Styrene	57		"	50.0		113	86-126		0.337	30	
tert-Butyl alcohol (TBA)	50		"	50.0		99.5	70-130		3.83	30	
tert-Butylbenzene	51		"	50.0		102	80-127		0.312	30	
Tetrachloroethylene	53		"	50.0		107	80-129		4.62	30	
Toluene	54		"	50.0		107	85-121		2.27	30	
trans-1,2-Dichloroethylene	50		"	50.0		99.6	72-132		0.221	30	
trans-1,3-Dichloropropylene	58		"	50.0		116	78-132		0.552	30	
Trichloroethylene	54		"	50.0		107	84-123		2.20	30	
Trichlorofluoromethane	54		"	50.0		109	62-140		3.92	30	
Vinyl Chloride	51		"	50.0		102	52-130		4.17	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>56.0</i>		<i>"</i>	<i>50.0</i>		<i>112</i>	<i>77-125</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>46.4</i>		<i>"</i>	<i>50.0</i>		<i>92.8</i>	<i>76-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>50.6</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>85-120</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BL40041 - EPA 3545A

Blank (BL40041-BLK1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Acenaphthene	ND	62.6	ug/kg wet
Acenaphthylene	ND	62.6	"
Acetophenone	ND	62.6	"
Anthracene	ND	62.6	"
Atrazine	ND	62.6	"
Benzaldehyde	ND	62.6	"
Benzidine	ND	250	"
Benzo(a)anthracene	ND	62.6	"
Benzo(a)pyrene	ND	62.6	"
Benzo(b)fluoranthene	ND	62.6	"
Benzo(g,h,i)perylene	ND	62.6	"
Benzoic acid	ND	62.6	"
Benzo(k)fluoranthene	ND	62.6	"
Benzyl butyl phthalate	ND	62.6	"
1,1'-Biphenyl	ND	62.6	"
4-Bromophenyl phenyl ether	ND	62.6	"
Caprolactam	ND	125	"
Carbazole	ND	62.6	"
4-Chloroaniline	ND	62.6	"
Bis(2-chloroethoxy)methane	ND	62.6	"
Bis(2-chloroethyl)ether	ND	62.6	"
Bis(2-chloroisopropyl)ether	ND	62.6	"
2-Chloronaphthalene	ND	62.6	"
2-Chlorophenol	ND	62.6	"
4-Chlorophenyl phenyl ether	ND	62.6	"
Chrysene	ND	62.6	"
Dibenzo(a,h)anthracene	ND	62.6	"
Dibenzofuran	ND	62.6	"
Di-n-butyl phthalate	ND	62.6	"
1,2-Dichlorobenzene	ND	62.6	"
1,3-Dichlorobenzene	ND	62.6	"
1,4-Dichlorobenzene	ND	62.6	"
3,3'-Dichlorobenzidine	ND	62.6	"
2,4-Dichlorophenol	ND	62.6	"
Diethyl phthalate	ND	62.6	"
2,4-Dimethylphenol	ND	62.6	"
Dimethyl phthalate	ND	62.6	"
4,6-Dinitro-2-methylphenol	ND	125	"
2,4-Dinitrophenol	ND	125	"
2,4-Dinitrotoluene	ND	62.6	"
2,6-Dinitrotoluene	ND	62.6	"
Di-n-octyl phthalate	ND	62.6	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	62.6	"
Bis(2-ethylhexyl)phthalate	ND	62.6	"
Fluoranthene	ND	62.6	"
Fluorene	ND	62.6	"
Hexachlorobenzene	ND	62.6	"
Hexachlorobutadiene	ND	62.6	"
Hexachlorocyclopentadiene	ND	62.6	"
Hexachloroethane	ND	62.6	"
Indeno(1,2,3-cd)pyrene	ND	62.6	"



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 BL40041 - EPA 3545A

Blank (BL40041-BLK1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Isophorone	ND	62.6	ug/kg wet								
2-Methylnaphthalene	ND	62.6	"								
2-Methylphenol	ND	62.6	"								
3- & 4-Methylphenols	ND	62.6	"								
Naphthalene	ND	62.6	"								
4-Nitroaniline	ND	125	"								
2-Nitroaniline	ND	125	"								
3-Nitroaniline	ND	125	"								
Nitrobenzene	ND	62.6	"								
2-Nitrophenol	ND	62.6	"								
4-Nitrophenol	ND	125	"								
N-nitroso-di-n-propylamine	ND	62.6	"								
N-Nitrosodimethylamine	ND	62.6	"								
N-Nitrosodiphenylamine	ND	62.6	"								
Pentachlorophenol	ND	62.6	"								
Phenanthrene	ND	62.6	"								
Phenol	ND	62.6	"								
Pyrene	ND	62.6	"								
1,2,4-Trichlorobenzene	ND	62.6	"								
2,4,6-Trichlorophenol	ND	62.6	"								
2,4,5-Trichlorophenol	ND	62.6	"								
<i>Surrogate: 2-Fluorophenol</i>	<i>2380</i>		<i>"</i>	<i>3750</i>		<i>63.5</i>	<i>10-99</i>				
<i>Surrogate: Phenol-d5</i>	<i>2330</i>		<i>"</i>	<i>3760</i>		<i>62.0</i>	<i>10-108</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1520</i>		<i>"</i>	<i>2500</i>		<i>60.9</i>	<i>10-119</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1910</i>		<i>"</i>	<i>2500</i>		<i>76.3</i>	<i>10-114</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>2910</i>		<i>"</i>	<i>3760</i>		<i>77.4</i>	<i>10-106</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>2350</i>		<i>"</i>	<i>2500</i>		<i>93.7</i>	<i>10-123</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL40041 - EPA 3545A											
LCS (BL40041-BS1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
Acenaphthene	1790	62.6	ug/kg wet	2500		71.7	17-124				
Acenaphthylene	1640	62.6	"	2500		65.4	16-124				
Acetophenone	1400	62.6	"	2500		55.9	28-105				
Anthracene	1680	62.6	"	2500		67.3	24-124				
Atrazine	1400	62.6	"	2500		56.2	22-120				
Benzaldehyde	1290	62.6	"	2500		51.6	21-100				
Benzo(a)anthracene	2150	62.6	"	2500		85.9	25-134				
Benzo(a)pyrene	1820	62.6	"	2500		72.8	29-144				
Benzo(b)fluoranthene	1610	62.6	"	2500		64.4	20-151				
Benzo(g,h,i)perylene	2350	62.6	"	2500		94.1	10-153				
Benzoic acid	293	62.6	"	2500		11.7	10-116				
Benzo(k)fluoranthene	1890	62.6	"	2500		75.5	10-148				
Benzyl butyl phthalate	1790	62.6	"	2500		71.7	10-132				
1,1'-Biphenyl	1620	62.6	"	2500		64.7	22-103				
4-Bromophenyl phenyl ether	1860	62.6	"	2500		74.2	30-138				
Caprolactam	1510	125	"	2500		60.5	10-123				
Carbazole	1960	62.6	"	2500		78.3	31-120				
4-Chloroaniline	1200	62.6	"	2500		48.0	10-117				
Bis(2-chloroethoxy)methane	1550	62.6	"	2500		61.9	10-129				
Bis(2-chloroethyl)ether	1520	62.6	"	2500		60.8	14-125				
Bis(2-chloroisopropyl)ether	1470	62.6	"	2500		58.8	14-122				
2-Chloronaphthalene	1800	62.6	"	2500		71.9	22-115				
2-Chlorophenol	1650	62.6	"	2500		66.2	25-121				
4-Chlorophenyl phenyl ether	1700	62.6	"	2500		67.9	18-132				
Chrysene	2080	62.6	"	2500		83.2	24-116				
Dibenzo(a,h)anthracene	1770	62.6	"	2500		70.7	17-147				
Dibenzofuran	1850	62.6	"	2500		73.9	23-123				
Di-n-butyl phthalate	1780	62.6	"	2500		71.0	19-123				
1,2-Dichlorobenzene	1570	62.6	"	2500		62.7	26-113				
1,3-Dichlorobenzene	1570	62.6	"	2500		62.9	32-113				
1,4-Dichlorobenzene	1400	62.6	"	2500		55.8	28-111				
3,3'-Dichlorobenzidine	2180	62.6	"	2500		87.2	10-147				
2,4-Dichlorophenol	1870	62.6	"	2500		74.7	23-133				
Diethyl phthalate	1870	62.6	"	2500		74.8	23-122				
2,4-Dimethylphenol	1760	62.6	"	2500		70.5	15-131				
Dimethyl phthalate	1940	62.6	"	2500		77.5	28-127				
4,6-Dinitro-2-methylphenol	1700	125	"	2500		68.1	10-149				
2,4-Dinitrophenol	1910	125	"	2500		76.4	10-149				
2,4-Dinitrotoluene	2220	62.6	"	2500		88.7	30-123				
2,6-Dinitrotoluene	1690	62.6	"	2500		67.5	30-125				
Di-n-octyl phthalate	2170	62.6	"	2500		86.9	10-132				
1,2-Diphenylhydrazine (as Azobenzene)	1740	62.6	"	2500		69.8	10-140				
Bis(2-ethylhexyl)phthalate	1690	62.6	"	2500		67.7	10-141				
Fluoranthene	1820	62.6	"	2500		72.7	36-125				
Fluorene	1650	62.6	"	2500		66.0	16-130				
Hexachlorobenzene	1850	62.6	"	2500		74.2	10-129				
Hexachlorobutadiene	1790	62.6	"	2500		71.5	22-153				
Hexachlorocyclopentadiene	1540	62.6	"	2500		61.5	10-134				
Hexachloroethane	1460	62.6	"	2500		58.3	20-112				
Indeno(1,2,3-cd)pyrene	2150	62.6	"	2500		85.8	10-155				
Isophorone	1550	62.6	"	2500		62.0	14-131				



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 BL40041 - EPA 3545A

LCS (BL40041-BS1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

2-Methylnaphthalene	1560	62.6	ug/kg wet	2500		62.6	16-127				
2-Methylphenol	1550	62.6	"	2500		61.8	10-146				
3- & 4-Methylphenols	1330	62.6	"	2500		53.2	20-109				
Naphthalene	1520	62.6	"	2500		60.9	20-121				
4-Nitroaniline	1850	125	"	2500		74.0	14-125				
2-Nitroaniline	2010	125	"	2500		80.2	24-126				
3-Nitroaniline	1480	125	"	2500		59.2	23-123				
Nitrobenzene	1560	62.6	"	2500		62.3	20-121				
2-Nitrophenol	1650	62.6	"	2500		66.2	17-129				
4-Nitrophenol	1850	125	"	2500		74.0	10-136				
N-nitroso-di-n-propylamine	1550	62.6	"	2500		62.1	21-119				
N-Nitrosodimethylamine	1400	62.6	"	2500		56.0	10-124				
N-Nitrosodiphenylamine	2170	62.6	"	2500		86.9	10-163				
Pentachlorophenol	1650	62.6	"	2500		65.9	10-143				
Phenanthrene	1770	62.6	"	2500		70.7	24-123				
Phenol	1580	62.6	"	2500		63.0	15-123				
Pyrene	2140	62.6	"	2500		85.4	24-132				
1,2,4-Trichlorobenzene	1780	62.6	"	2500		71.2	23-130				
2,4,6-Trichlorophenol	1750	62.6	"	2500		70.0	27-122				
2,4,5-Trichlorophenol	1900	62.6	"	2500		75.9	14-138				
Surrogate: 2-Fluorophenol	3080		"	3750		82.2	10-99				
Surrogate: Phenol-d5	2970		"	3760		79.0	10-108				
Surrogate: Nitrobenzene-d5	1950		"	2500		78.0	10-119				
Surrogate: 2-Fluorobiphenyl	2440		"	2500		97.7	10-114				
Surrogate: 2,4,6-Tribromophenol	3790		"	3760		101	30-130				
Surrogate: Terphenyl-d14	3180		"	2500		127	10-123				

LCS Dup (BL40041-BSD1)

Prepared: 12/01/2014 Analyzed: 12/02/2014

Acenaphthene	1810	62.6	ug/kg wet	2500		72.5	17-124		1.11	30	
Acenaphthylene	1660	62.6	"	2500		66.4	16-124		1.49	30	
Acetophenone	1410	62.6	"	2500		56.3	28-105		0.856	30	
Anthracene	1620	62.6	"	2500		64.9	24-124		3.63	30	
Atrazine	1320	62.6	"	2500		52.7	22-120		6.47	30	
Benzaldehyde	1320	62.6	"	2500		53.0	21-100		2.56	30	
Benzo(a)anthracene	2080	62.6	"	2500		83.2	25-134		3.19	30	
Benzo(a)pyrene	1800	62.6	"	2500		71.9	29-144		1.30	30	
Benzo(b)fluoranthene	1910	62.6	"	2500		76.3	20-151		17.0	30	
Benzo(g,h,i)perylene	2260	62.6	"	2500		90.6	10-153		3.83	30	
Benzoic acid	387	62.6	"	2500		15.5	10-116		27.6	30	
Benzo(k)fluoranthene	1890	62.6	"	2500		75.6	10-148		0.159	30	
Benzyl butyl phthalate	1770	62.6	"	2500		71.0	10-132		1.07	30	
1,1'-Biphenyl	1620	62.6	"	2500		64.7	22-103		0.0309	30	
4-Bromophenyl phenyl ether	1810	62.6	"	2500		72.5	30-138		2.40	30	
Caprolactam	1580	125	"	2500		63.2	10-123		4.36	30	
Carbazole	1920	62.6	"	2500		76.9	31-120		1.86	30	
4-Chloroaniline	1230	62.6	"	2500		49.1	10-117		2.14	30	
Bis(2-chloroethoxy)methane	1550	62.6	"	2500		62.2	10-129		0.355	30	
Bis(2-chloroethyl)ether	1520	62.6	"	2500		60.7	14-125		0.0988	30	
Bis(2-chloroisopropyl)ether	1450	62.6	"	2500		57.9	14-122		1.61	30	
2-Chloronaphthalene	1810	62.6	"	2500		72.4	22-115		0.665	30	
2-Chlorophenol	1680	62.6	"	2500		67.0	25-121		1.32	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 BL40041 - EPA 3545A											
LCS Dup (BL40041-BSD1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
4-Chlorophenyl phenyl ether	1740	62.6	ug/kg wet	2500		69.6	18-132		2.41	30	
Chrysene	2020	62.6	"	2500		80.9	24-116		2.75	30	
Dibenzo(a,h)anthracene	1690	62.6	"	2500		67.6	17-147		4.54	30	
Dibenzofuran	1850	62.6	"	2500		73.9	23-123		0.0271	30	
Di-n-butyl phthalate	1710	62.6	"	2500		68.5	19-123		3.53	30	
1,2-Dichlorobenzene	1580	62.6	"	2500		63.0	26-113		0.541	30	
1,3-Dichlorobenzene	1590	62.6	"	2500		63.6	32-113		1.08	30	
1,4-Dichlorobenzene	1400	62.6	"	2500		55.9	28-111		0.107	30	
3,3'-Dichlorobenzidine	2090	62.6	"	2500		83.4	10-147		4.43	30	
2,4-Dichlorophenol	1930	62.6	"	2500		77.2	23-133		3.24	30	
Diethyl phthalate	1920	62.6	"	2500		76.7	23-122		2.53	30	
2,4-Dimethylphenol	1830	62.6	"	2500		73.3	15-131		3.81	30	
Dimethyl phthalate	1970	62.6	"	2500		78.6	28-127		1.51	30	
4,6-Dinitro-2-methylphenol	1630	125	"	2500		65.3	10-149		4.20	30	
2,4-Dinitrophenol	1970	125	"	2500		78.7	10-149		3.07	30	
2,4-Dinitrotoluene	2290	62.6	"	2500		91.5	30-123		3.04	30	
2,6-Dinitrotoluene	1690	62.6	"	2500		67.7	30-125		0.237	30	
Di-n-octyl phthalate	2110	62.6	"	2500		84.3	10-132		3.08	30	
1,2-Diphenylhydrazine (as Azobenzene)	1740	62.6	"	2500		69.4	10-140		0.546	30	
Bis(2-ethylhexyl)phthalate	1630	62.6	"	2500		65.2	10-141		3.85	30	
Fluoranthene	1720	62.6	"	2500		68.8	36-125		5.48	30	
Fluorene	1700	62.6	"	2500		67.8	16-130		2.75	30	
Hexachlorobenzene	1810	62.6	"	2500		72.4	10-129		2.37	30	
Hexachlorobutadiene	1830	62.6	"	2500		73.2	22-153		2.35	30	
Hexachlorocyclopentadiene	1580	62.6	"	2500		63.3	10-134		2.85	30	
Hexachloroethane	1460	62.6	"	2500		58.5	20-112		0.445	30	
Indeno(1,2,3-cd)pyrene	2270	62.6	"	2500		90.8	10-155		5.64	30	
Isophorone	1600	62.6	"	2500		64.0	14-131		3.21	30	
2-Methylnaphthalene	1570	62.6	"	2500		62.8	16-127		0.383	30	
2-Methylphenol	1540	62.6	"	2500		61.6	10-146		0.324	30	
3- & 4-Methylphenols	1310	62.6	"	2500		52.5	20-109		1.21	30	
Naphthalene	1510	62.6	"	2500		60.4	20-121		0.758	30	
4-Nitroaniline	1920	125	"	2500		76.7	14-125		3.66	30	
2-Nitroaniline	2070	125	"	2500		82.8	24-126		3.12	30	
3-Nitroaniline	1490	125	"	2500		59.5	23-123		0.472	30	
Nitrobenzene	1560	62.6	"	2500		62.2	20-121		0.0964	30	
2-Nitrophenol	1750	62.6	"	2500		69.8	17-129		5.38	30	
4-Nitrophenol	1950	125	"	2500		78.1	10-136		5.31	30	
N-nitroso-di-n-propylamine	1540	62.6	"	2500		61.6	21-119		0.938	30	
N-Nitrosodimethylamine	1280	62.6	"	2500		51.3	10-124		8.69	30	
N-Nitrosodiphenylamine	2130	62.6	"	2500		85.2	10-163		1.95	30	
Pentachlorophenol	1640	62.6	"	2500		65.7	10-143		0.426	30	
Phenanthrene	1670	62.6	"	2500		67.0	24-123		5.43	30	
Phenol	1570	62.6	"	2500		62.9	15-123		0.159	30	
Pyrene	2070	62.6	"	2500		82.8	24-132		3.07	30	
1,2,4-Trichlorobenzene	1810	62.6	"	2500		72.3	23-130		1.62	30	
2,4,6-Trichlorophenol	1840	62.6	"	2500		73.7	27-122		5.15	30	
2,4,5-Trichlorophenol	2050	62.6	"	2500		82.1	14-138		7.80	30	
Surrogate: 2-Fluorophenol	3090		"	3750		82.5	10-99				
Surrogate: Phenol-d5	2980		"	3760		79.2	10-108				
Surrogate: Nitrobenzene-d5	1970		"	2500		78.9	10-119				



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 BL40041 - EPA 3545A											
LCS Dup (BL40041-BSD1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
Surrogate: 2-Fluorobiphenyl	2490		ug/kg wet	2500		99.8	10-114				
Surrogate: 2,4,6-Tribromophenol	3700		"	3760		98.5	30-130				
Surrogate: Terphenyl-d14	3070		"	2500		123	10-123				
Matrix Spike (BL40041-MS1)						*Source sample: 14K0888-01 (C3 Comp (0-3)) Prepared: 12/01/2014 Analyzed: 12/03/2014					
Acenaphthene	2530	144	ug/kg dry	2870	157	82.8	13-133				
Acenaphthylene	2460	144	"	2870	ND	85.6	25-125				
Acetophenone	1970	144	"	2870	ND	68.5	25-105				
Anthracene	2690	144	"	2870	426	79.0	27-128				
Atrazine	2210	144	"	2870	ND	77.0	10-139				
Benzaldehyde	1910	144	"	2870	ND	66.5	24-96				
Benzo(a)anthracene	1780	144	"	2870	1000	27.0	20-147				
Benzo(a)pyrene	931	144	"	2870	559	13.0	18-153	Low Bias			
Benzo(b)fluoranthene	1120	144	"	2870	496	21.8	10-163				
Benzo(g,h,i)perylene	844	144	"	2870	247	20.8	10-157				
Benzoic acid	ND	144	"	2870	ND		10-130	Low Bias			
Benzo(k)fluoranthene	1230	144	"	2870	630	20.9	10-157				
Benzyl butyl phthalate	2260	144	"	2870	ND	78.9	10-129				
1,1'-Biphenyl	2410	144	"	2870	ND	84.0	24-112				
4-Bromophenyl phenyl ether	2090	144	"	2870	ND	72.7	32-148				
Caprolactam	2390	287	"	2870	ND	83.2	10-100				
Carbazole	2570	144	"	2870	156	84.2	24-139				
4-Chloroaniline	1980	144	"	2870	ND	69.1	10-124				
Bis(2-chloroethoxy)methane	2260	144	"	2870	ND	78.9	12-128				
Bis(2-chloroethyl)ether	1700	144	"	2870	ND	59.4	18-113				
Bis(2-chloroisopropyl)ether	1950	144	"	2870	ND	68.0	10-130				
2-Chloronaphthalene	2470	144	"	2870	ND	86.0	31-116				
2-Chlorophenol	1800	144	"	2870	ND	62.6	28-114				
4-Chlorophenyl phenyl ether	2490	144	"	2870	ND	86.7	10-153				
Chrysene	2840	144	"	2870	1120	60.0	18-133				
Dibenzo(a,h)anthracene	991	144	"	2870	99.9	31.0	10-146				
Dibenzofuran	2580	144	"	2870	ND	89.9	26-134				
Di-n-butyl phthalate	2590	144	"	2870	ND	90.1	20-128				
1,2-Dichlorobenzene	1530	144	"	2870	ND	53.3	29-106				
1,3-Dichlorobenzene	1420	144	"	2870	ND	49.3	34-100				
1,4-Dichlorobenzene	1460	144	"	2870	ND	50.7	26-107				
3,3'-Dichlorobenzidine	355	144	"	2870	ND	12.4	10-134				
2,4-Dichlorophenol	2200	144	"	2870	ND	76.6	16-144				
Diethyl phthalate	2470	144	"	2870	ND	86.1	30-119				
2,4-Dimethylphenol	1450	144	"	2870	ND	50.6	11-133				
Dimethyl phthalate	2510	144	"	2870	ND	87.6	34-120				
4,6-Dinitro-2-methylphenol	ND	287	"	2870	ND		10-149	Low Bias			
2,4-Dinitrophenol	ND	287	"	2870	ND		10-132	Low Bias			
2,4-Dinitrotoluene	2360	144	"	2870	ND	82.4	42-113				
2,6-Dinitrotoluene	2360	144	"	2870	ND	82.1	36-124				
Di-n-octyl phthalate	2850	144	"	2870	ND	99.5	10-133				
1,2-Diphenylhydrazine (as Azobenzene)	2500	144	"	2870	ND	87.3	10-135				
Bis(2-ethylhexyl)phthalate	2910	144	"	2870	ND	101	10-138				
Fluoranthene	3340	144	"	2870	2340	34.9	10-155				
Fluorene	2660	144	"	2870	131	88.0	12-150				
Hexachlorobenzene	2370	144	"	2870	ND	82.5	16-142				
Hexachlorobutadiene	1550	144	"	2870	ND	53.8	11-150				



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 BL40041 - EPA 3545A

Matrix Spike (BL40041-MS1)	*Source sample: 14K0888-01 (C3 Comp (0-3))							Prepared: 12/01/2014 Analyzed: 12/03/2014			
Hexachlorocyclopentadiene	ND	144	ug/kg dry	2870	ND		10-115	Low Bias			
Hexachloroethane	1140	144	"	2870	ND	39.7	14-106				
Indeno(1,2,3-cd)pyrene	961	144	"	2870	256	24.6	10-155				
Isophorone	2060	144	"	2870	ND	71.6	14-127				
2-Methylnaphthalene	2450	144	"	2870	ND	85.4	10-143				
2-Methylphenol	1780	144	"	2870	ND	61.9	10-160				
3- & 4-Methylphenols	1920	144	"	2870	ND	67.0	16-115				
Naphthalene	2150	144	"	2870	ND	74.9	15-132				
4-Nitroaniline	2410	287	"	2870	ND	84.1	10-151				
2-Nitroaniline	2600	287	"	2870	ND	90.8	33-122				
3-Nitroaniline	2170	287	"	2870	ND	75.7	24-128				
Nitrobenzene	1810	144	"	2870	ND	62.9	18-125				
2-Nitrophenol	1730	144	"	2870	ND	60.2	12-127				
4-Nitrophenol	1780	287	"	2870	ND	61.9	10-141				
N-nitroso-di-n-propylamine	1980	144	"	2870	ND	69.0	23-115				
N-Nitrosodimethylamine	1280	144	"	2870	ND	44.7	10-123				
N-Nitrosodiphenylamine	2750	144	"	2870	ND	95.7	16-166				
Pentachlorophenol	1300	144	"	2870	ND	45.3	10-160				
Phenanthrene	3410	144	"	2870	1900	52.8	10-151				
Phenol	1940	144	"	2870	ND	67.8	11-124				
Pyrene	3130	144	"	2870	2020	38.5	13-148				
1,2,4-Trichlorobenzene	1820	144	"	2870	ND	63.4	15-139				
2,4,6-Trichlorophenol	2180	144	"	2870	ND	76.0	12-138				
2,4,5-Trichlorophenol	2200	144	"	2870	ND	76.6	10-148				
<i>Surrogate: 2-Fluorophenol</i>	<i>2130</i>		<i>"</i>	<i>4300</i>		<i>49.4</i>	<i>10-99</i>				
<i>Surrogate: Phenol-d5</i>	<i>2670</i>		<i>"</i>	<i>4320</i>		<i>61.9</i>	<i>10-108</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1460</i>		<i>"</i>	<i>2870</i>		<i>50.9</i>	<i>10-119</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>1910</i>		<i>"</i>	<i>2870</i>		<i>66.7</i>	<i>10-114</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>2130</i>		<i>"</i>	<i>4320</i>		<i>49.4</i>	<i>30-130</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>1700</i>		<i>"</i>	<i>2880</i>		<i>59.2</i>	<i>10-123</i>				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BK41251 - EPA 3545A

Blank (BK41251-BLK1)

Prepared & Analyzed: 11/26/2014

Aldrin	ND	0.495	ug/kg wet								
alpha-BHC	ND	0.495	"								
beta-BHC	ND	0.495	"								
delta-BHC	ND	0.495	"								
gamma-BHC (Lindane)	ND	0.495	"								
gamma-Chlordane	ND	0.495	"								
alpha-Chlordane	ND	0.495	"								
Chlordane, total	ND	1.98	"								
4,4'-DDD	ND	0.495	"								
4,4'-DDE	ND	0.495	"								
4,4'-DDT	ND	0.495	"								
Dieldrin	ND	0.495	"								
Endosulfan I	ND	0.495	"								
Endosulfan II	ND	0.495	"								
Endosulfan sulfate	ND	0.495	"								
Endrin	ND	0.495	"								
Endrin aldehyde	ND	0.495	"								
Endrin ketone	ND	0.495	"								
Heptachlor	ND	0.495	"								
Heptachlor epoxide	ND	0.495	"								
Methoxychlor	ND	2.48	"								
Toxaphene	ND	25.0	"								
Surrogate: Decachlorobiphenyl	120		"	100		120	30-140				
Surrogate: Tetrachloro-m-xylene	109		"	100		109	30-140				

LCS (BK41251-BS1)

Prepared & Analyzed: 11/26/2014

Aldrin	49.2	0.495	ug/kg wet	50.0		98.5	40-140				
alpha-BHC	49.6	0.495	"	50.0		99.1	40-140				
beta-BHC	44.3	0.495	"	50.0		88.6	40-140				
delta-BHC	47.5	0.495	"	50.0		95.0	40-140				
gamma-BHC (Lindane)	46.3	0.495	"	50.0		92.6	40-140				
gamma-Chlordane	46.6	0.495	"	50.0		93.2	40-140				
alpha-Chlordane	47.0	0.495	"	50.0		94.1	40-140				
4,4'-DDD	47.8	0.495	"	50.0		95.6	40-140				
4,4'-DDE	52.0	0.495	"	50.0		104	40-140				
4,4'-DDT	45.3	0.495	"	50.0		90.6	40-140				
Dieldrin	47.3	0.495	"	50.0		94.7	40-140				
Endosulfan I	51.8	0.495	"	50.0		104	40-140				
Endosulfan II	46.9	0.495	"	50.0		93.8	40-140				
Endosulfan sulfate	46.2	0.495	"	50.0		92.5	40-140				
Endrin	45.7	0.495	"	50.0		91.4	40-140				
Endrin aldehyde	39.2	0.495	"	50.0		78.5	40-140				
Endrin ketone	43.7	0.495	"	50.0		87.4	40-140				
Heptachlor	43.5	0.495	"	50.0		87.0	40-140				
Heptachlor epoxide	43.9	0.495	"	50.0		87.7	40-140				
Methoxychlor	40.3	2.48	"	50.0		80.5	40-140				
Surrogate: Decachlorobiphenyl	103		"	100		103	30-140				
Surrogate: Tetrachloro-m-xylene	110		"	100		110	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 BK41251 - EPA 3545A

LCS Dup (BK41251-BSD1)

Prepared & Analyzed: 11/26/2014

Aldrin	48.1	0.495	ug/kg wet	50.0		96.3	40-140		2.26	30	
alpha-BHC	47.9	0.495	"	50.0		95.9	40-140		3.34	30	
beta-BHC	43.5	0.495	"	50.0		87.0	40-140		1.81	30	
delta-BHC	46.4	0.495	"	50.0		92.8	40-140		2.27	30	
gamma-BHC (Lindane)	45.0	0.495	"	50.0		90.1	40-140		2.69	30	
gamma-Chlordane	45.7	0.495	"	50.0		91.4	40-140		2.00	30	
alpha-Chlordane	46.0	0.495	"	50.0		91.9	40-140		2.27	30	
4,4'-DDD	47.6	0.495	"	50.0		95.3	40-140		0.410	30	
4,4'-DDE	51.6	0.495	"	50.0		103	40-140		0.889	30	
4,4'-DDT	45.5	0.495	"	50.0		91.0	40-140		0.487	30	
Dieldrin	46.5	0.495	"	50.0		92.9	40-140		1.84	30	
Endosulfan I	50.2	0.495	"	50.0		100	40-140		3.19	30	
Endosulfan II	46.3	0.495	"	50.0		92.7	40-140		1.20	30	
Endosulfan sulfate	45.8	0.495	"	50.0		91.5	40-140		1.05	30	
Endrin	45.2	0.495	"	50.0		90.4	40-140		1.07	30	
Endrin aldehyde	38.7	0.495	"	50.0		77.5	40-140		1.31	30	
Endrin ketone	43.9	0.495	"	50.0		87.8	40-140		0.421	30	
Heptachlor	42.7	0.495	"	50.0		85.4	40-140		1.92	30	
Heptachlor epoxide	42.6	0.495	"	50.0		85.2	40-140		2.90	30	
Methoxychlor	40.8	2.48	"	50.0		81.5	40-140		1.26	30	
Surrogate: Decachlorobiphenyl	103		"	100		103	30-140				
Surrogate: Tetrachloro-m-xylene	105		"	100		105	30-140				

Batch BL40006 - EPA 3550C

Blank (BL40006-BLK1)

Prepared & Analyzed: 12/01/2014

Aldrin	ND	0.330	ug/kg wet								
alpha-BHC	ND	0.330	"								
beta-BHC	ND	0.330	"								
delta-BHC	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
gamma-Chlordane	ND	0.330	"								
alpha-Chlordane	ND	0.330	"								
Chlordane, total	ND	1.32	"								
4,4'-DDD	ND	0.330	"								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	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	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
Toxaphene	ND	16.7	"								
Surrogate: Decachlorobiphenyl	64.6		"	66.7		96.9	30-140				
Surrogate: Tetrachloro-m-xylene	59.5		"	66.7		89.2	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 BL40006 - EPA 3550C											
LCS (BL40006-BS1)						Prepared & Analyzed: 12/01/2014					
Aldrin	28.2	0.330	ug/kg wet	33.3		84.5	40-140				
alpha-BHC	26.9	0.330	"	33.3		80.7	40-140				
beta-BHC	28.6	0.330	"	33.3		85.8	40-140				
delta-BHC	28.7	0.330	"	33.3		86.1	40-140				
gamma-BHC (Lindane)	27.9	0.330	"	33.3		83.8	40-140				
gamma-Chlordane	26.4	0.330	"	33.3		79.2	40-140				
alpha-Chlordane	26.8	0.330	"	33.3		80.3	40-140				
4,4'-DDD	35.5	0.330	"	33.3		106	40-140				
4,4'-DDE	31.4	0.330	"	33.3		94.3	40-140				
4,4'-DDT	33.3	0.330	"	33.3		99.8	40-140				
Dieldrin	26.9	0.330	"	33.3		80.6	40-140				
Endosulfan I	26.4	0.330	"	33.3		79.1	40-140				
Endosulfan II	28.5	0.330	"	33.3		85.5	40-140				
Endosulfan sulfate	28.3	0.330	"	33.3		85.0	40-140				
Endrin	26.9	0.330	"	33.3		80.8	40-140				
Endrin aldehyde	22.3	0.330	"	33.3		66.9	40-140				
Endrin ketone	27.4	0.330	"	33.3		82.2	40-140				
Heptachlor	24.0	0.330	"	33.3		72.1	40-140				
Heptachlor epoxide	26.8	0.330	"	33.3		80.4	40-140				
Methoxychlor	30.6	1.65	"	33.3		91.8	40-140				
Surrogate: Decachlorobiphenyl	48.1		"	66.7		72.2	30-140				
Surrogate: Tetrachloro-m-xylene	54.5		"	66.7		81.8	30-140				
LCS Dup (BL40006-BS1)						Prepared & Analyzed: 12/01/2014					
Aldrin	29.8	0.330	ug/kg wet	33.3		89.3	40-140		5.50	30	
alpha-BHC	27.1	0.330	"	33.3		81.3	40-140		0.756	30	
beta-BHC	30.1	0.330	"	33.3		90.3	40-140		5.15	30	
delta-BHC	30.9	0.330	"	33.3		92.8	40-140		7.41	30	
gamma-BHC (Lindane)	29.1	0.330	"	33.3		87.3	40-140		4.14	30	
gamma-Chlordane	29.2	0.330	"	33.3		87.7	40-140		10.2	30	
alpha-Chlordane	29.6	0.330	"	33.3		88.7	40-140		9.90	30	
4,4'-DDD	41.5	0.330	"	33.3		124	40-140		15.6	30	
4,4'-DDE	35.9	0.330	"	33.3		108	40-140		13.4	30	
4,4'-DDT	37.7	0.330	"	33.3		113	40-140		12.4	30	
Dieldrin	29.5	0.330	"	33.3		88.4	40-140		9.25	30	
Endosulfan I	28.9	0.330	"	33.3		86.7	40-140		9.15	30	
Endosulfan II	31.8	0.330	"	33.3		95.4	40-140		10.9	30	
Endosulfan sulfate	32.9	0.330	"	33.3		98.6	40-140		14.9	30	
Endrin	31.4	0.330	"	33.3		94.2	40-140		15.3	30	
Endrin aldehyde	25.5	0.330	"	33.3		76.4	40-140		13.3	30	
Endrin ketone	31.5	0.330	"	33.3		94.6	40-140		14.0	30	
Heptachlor	26.4	0.330	"	33.3		79.2	40-140		9.38	30	
Heptachlor epoxide	28.9	0.330	"	33.3		86.8	40-140		7.66	30	
Methoxychlor	41.2	1.65	"	33.3		124	40-140		29.6	30	
Surrogate: Decachlorobiphenyl	66.6		"	66.7		100	30-140				
Surrogate: Tetrachloro-m-xylene	55.8		"	66.7		83.7	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 BK41251 - EPA 3545A

Blank (BK41251-BLK1)

Prepared & Analyzed: 11/26/2014

Aroclor 1016	ND	0.0250	mg/kg wet								
Aroclor 1221	ND	0.0250	"								
Aroclor 1232	ND	0.0250	"								
Aroclor 1242	ND	0.0250	"								
Aroclor 1248	ND	0.0250	"								
Aroclor 1254	ND	0.0250	"								
Aroclor 1260	ND	0.0250	"								
Total PCBs	ND	0.0250	"								

Surrogate: Tetrachloro-m-xylene

0.0985

"

0.100

98.5

30-140

Surrogate: Decachlorobiphenyl

0.0695

"

0.100

69.5

30-140

LCS (BK41251-BS2)

Prepared & Analyzed: 11/26/2014

Aroclor 1016	0.568	0.0250	mg/kg wet	0.500		114	40-130				
Aroclor 1260	0.558	0.0250	"	0.500		112	40-130				

Surrogate: Tetrachloro-m-xylene

0.104

"

0.100

104

30-140

Surrogate: Decachlorobiphenyl

0.0785

"

0.100

78.5

30-140

Batch BL40006 - EPA 3550C

Blank (BL40006-BLK1)

Prepared & Analyzed: 12/01/2014

Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								

Surrogate: Tetrachloro-m-xylene

0.0730

"

0.0667

110

30-140

Surrogate: Decachlorobiphenyl

0.0593

"

0.0667

89.0

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 BL40006 - EPA 3550C

LCS (BL40006-BS2)

Prepared & Analyzed: 12/01/2014

Aroclor 1016	0.412	0.0167	mg/kg wet	0.333		124	40-130				
Aroclor 1260	0.419	0.0167	"	0.333		126	40-130				
Surrogate: Tetrachloro-m-xylene	0.0797		"	0.0667		120	30-140				
Surrogate: Decachlorobiphenyl	0.0643		"	0.0667		96.5	30-140				

LCS Dup (BL40006-BSD2)

Prepared & Analyzed: 12/01/2014

Aroclor 1016	0.396	0.0167	mg/kg wet	0.333		119	40-130		3.88	25	
Aroclor 1260	0.395	0.0167	"	0.333		119	40-130		5.73	25	
Surrogate: Tetrachloro-m-xylene	0.0777		"	0.0667		116	30-140				
Surrogate: Decachlorobiphenyl	0.0633		"	0.0667		95.0	30-140				



Gas Chromatography/Flame Ionization Detector - 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 BL40001 - EPA 3545A

Blank (BL40001-BLK1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
Total EPH	ND	50.0	mg/kg wet								
Surrogate: 1-Chlorooctadecane	6.94		"	10.0		69.4	40-140				
Surrogate: o-Terphenyl	6.91		"	10.0		69.1	40-140				
LCS (BL40001-BS1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
Total EPH	221	50.0	mg/kg wet	360		61.5	40-140				
Surrogate: 1-Chlorooctadecane	7.19		"	10.0		71.9	40-140				
Surrogate: o-Terphenyl	7.01		"	10.0		70.1	40-140				
LCS Dup (BL40001-BSD1)						Prepared: 12/01/2014 Analyzed: 12/02/2014					
Total EPH	227	50.0	mg/kg wet	360		63.0	40-140		2.39	30	
Surrogate: 1-Chlorooctadecane	7.33		"	10.0		73.3	40-140				
Surrogate: o-Terphenyl	7.22		"	10.0		72.2	40-140				

Batch BL40115 - EPA 3545A

Blank (BL40115-BLK1)						Prepared: 12/02/2014 Analyzed: 12/03/2014					
Total EPH	ND	50.0	mg/kg wet								
Surrogate: 1-Chlorooctadecane	7.47		"	10.0		74.7	40-140				
Surrogate: o-Terphenyl	7.54		"	10.0		75.4	40-140				
LCS (BL40115-BS1)						Prepared: 12/02/2014 Analyzed: 12/03/2014					
Total EPH	200	50.0	mg/kg wet	360		55.7	40-140				
Surrogate: 1-Chlorooctadecane	6.77		"	10.0		67.7	40-140				
Surrogate: o-Terphenyl	6.67		"	10.0		66.7	40-140				
LCS Dup (BL40115-BSD1)						Prepared: 12/02/2014 Analyzed: 12/03/2014					
Total EPH	217	50.0	mg/kg wet	360		60.3	40-140		8.03	30	
Surrogate: 1-Chlorooctadecane	7.59		"	10.0		75.9	40-140				
Surrogate: o-Terphenyl	7.31		"	10.0		73.1	40-140				



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 BL40126 - EPA 3050B

Blank (BL40126-BLK1)

Prepared: 12/02/2014 Analyzed: 12/03/2014

Aluminum	ND	1.00	mg/kg wet
Antimony	ND	0.500	"
Arsenic	ND	1.00	"
Barium	ND	1.00	"
Beryllium	ND	0.100	"
Cadmium	ND	0.300	"
Calcium	ND	5.00	"
Chromium	ND	0.500	"
Cobalt	ND	0.500	"
Copper	ND	0.500	"
Iron	ND	2.00	"
Lead	ND	0.300	"
Magnesium	ND	5.00	"
Manganese	ND	0.500	"
Nickel	ND	0.500	"
Potassium	ND	5.00	"
Selenium	ND	1.00	"
Silver	ND	0.500	"
Sodium	ND	10.0	"
Thallium	ND	1.00	"
Vanadium	ND	1.00	"
Zinc	ND	1.00	"

Reference (BL40126-SRM1)

Prepared: 12/02/2014 Analyzed: 12/03/2014

Aluminum	7440	1.00	mg/kg wet	8740	85.1	41.6-158
Antimony	106	0.500	"	108	97.7	23-255
Arsenic	143	1.00	"	151	94.7	70.9-130
Barium	266	1.00	"	262	102	73.7-126
Beryllium	130	0.100	"	133	98.0	75.1-125
Cadmium	141	0.300	"	152	92.8	73-126
Calcium	6440	5.00	"	6400	101	73.9-126
Chromium	110	0.500	"	117	94.4	69.7-130
Cobalt	69.9	0.500	"	68.7	102	74.4-126
Copper	70.3	0.500	"	68.6	102	73.2-129
Iron	12400	2.00	"	12300	101	30.5-170
Lead	238	0.300	"	254	93.8	75.6-125
Magnesium	3550	5.00	"	3600	98.7	68.3-132
Manganese	554	0.500	"	563	98.3	77.4-123
Nickel	314	0.500	"	315	99.8	74.3-127
Potassium	2930	5.00	"	3040	96.5	62.5-137
Selenium	157	1.00	"	162	96.9	67.3-132
Silver	42.1	0.500	"	44.3	95.0	66.4-124
Sodium	658	10.0	"	746	88.2	56.8-143
Thallium	244	1.00	"	259	94.4	69.5-131
Vanadium	110	1.00	"	116	94.9	67.5-132
Zinc	288	1.00	"	306	94.0	71.9-133



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BL40209 - EPA 3010A/1311

Blank (BL40209-BLK1)

Prepared: 12/03/2014 Analyzed: 12/04/2014

Arsenic	ND	0.004	mg/L
Barium	ND	0.010	"
Cadmium	ND	0.003	"
Chromium	ND	0.005	"
Lead	ND	0.003	"
Selenium	ND	0.010	"
Silver	ND	0.005	"

Blank (BL40209-BLK2)

Prepared: 12/03/2014 Analyzed: 12/04/2014

Arsenic	ND	0.004	mg/L
Barium	ND	0.010	"
Cadmium	ND	0.003	"
Chromium	ND	0.005	"
Lead	ND	0.003	"
Selenium	ND	0.010	"
Silver	ND	0.005	"

Duplicate (BL40209-DUP1)

*Source sample: 14K0888-11 (C3 Comp (15-18))

Prepared: 12/03/2014 Analyzed: 12/04/2014

Arsenic	ND	0.004	mg/L	ND		20
Barium	0.227	0.010	"	0.228	0.589	20
Cadmium	ND	0.003	"	ND		20
Chromium	ND	0.005	"	ND		20
Lead	0.014	0.003	"	0.015	6.29	20
Selenium	ND	0.010	"	ND		20
Silver	ND	0.005	"	ND		20

Matrix Spike (BL40209-MS1)

*Source sample: 14K0888-11 (C3 Comp (15-18))

Prepared: 12/03/2014 Analyzed: 12/04/2014

Arsenic	1.98	0.004	mg/L	2.00	ND	99.1	75-125
Barium	2.05	0.010	"	2.00	0.228	91.0	75-125
Cadmium	0.044	0.003	"	0.0500	ND	87.4	75-125
Chromium	0.172	0.005	"	0.200	ND	86.2	75-125
Lead	0.419	0.003	"	0.500	0.015	80.9	75-125
Selenium	2.27	0.010	"	2.00	ND	113	75-125
Silver	0.044	0.005	"	0.0500	ND	88.2	75-125



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BL40209 - EPA 3010A/1311

Reference (BL40209-SRM1)

Prepared: 12/03/2014 Analyzed: 12/04/2014

Arsenic	0.399	0.004	mg/L	0.438		91.0	83.3-116				
Barium	0.392	0.010	"	0.365		108	84.9-115				
Cadmium	0.338	0.003	"	0.334		101	85-115				
Chromium	0.801	0.005	"	0.797		100	84.9-115				
Lead	1.48	0.003	"	1.47		101	85-115				
Selenium	0.471	0.010	"	0.521		90.4	85-115				
Silver	0.383	0.005	"	0.384		99.8	84.9-115				



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 BK41260 - EPA 7473 soil											
Blank (BK41260-BLK1)								Prepared & Analyzed: 11/26/2014			
Mercury	ND	0.0300	mg/kg wet								
Reference (BK41260-SRM1)								Prepared & Analyzed: 11/26/2014			
Mercury	4.0395		mg/kg	3.73		108	68.6-131				
Batch BL40096 - EPA 7473 water											
Blank (BL40096-BLK1)								Prepared & Analyzed: 12/02/2014			
Mercury	ND	0.000200	mg/L								
Duplicate (BL40096-DUP1)								Prepared & Analyzed: 12/02/2014			
Mercury	ND	0.000200	mg/L		ND					20	
Matrix Spike (BL40096-MS1)								Prepared & Analyzed: 12/02/2014			
Mercury	0.00201		mg/L	0.00200	ND	101	75-125				
Reference (BL40096-SRM1)								Prepared & Analyzed: 12/02/2014			
Mercury	0.00255		mg/L	0.00230		111	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 BL40067 - EPA SW 846-1311 TCLP ext. for metals

Blank (BL40067-BLK1)										Prepared: 12/01/2014 Analyzed: 12/02/2014	
TCLP Extraction	Completed	1.00	N/A								

Batch BL40188 - Analysis Preparation

Duplicate (BL40188-DUP1)				*Source sample: 14K0888-01 (C3 Comp (0-3))				Prepared: 12/03/2014 Analyzed: 12/04/2014			
pH	9.16	0.500	pH units	9.14				0.219	10		

Batch BL40240 - EPA SW846-3060

Blank (BL40240-BLK1)										Prepared & Analyzed: 12/04/2014	
Chromium, Hexavalent	ND	0.500	mg/kg wet								

Duplicate (BL40240-DUP1)				*Source sample: 14K0888-03 (C3 Comp (3-6))				Prepared & Analyzed: 12/04/2014			
Chromium, Hexavalent				ND		0.554 mg/kg dry		ND		35	

Matrix Spike (BL40240-MS1)				*Source sample: 14K0888-03 (C3 Comp (3-6))				Prepared & Analyzed: 12/04/2014			
Chromium, Hexavalent				13.5	0.554	mg/kg dry	22.2	ND	61.0	75-125	Low Bias

Reference (BL40240-SRM1)										Prepared & Analyzed: 12/04/2014	
Chromium, Hexavalent	114		mg/L	125		91.2	20.2-180				

Batch BL40302 - EPA SW846-3060

Blank (BL40302-BLK1)										Prepared: 12/04/2014 Analyzed: 12/05/2014	
Chromium, Hexavalent	ND	0.500	mg/kg wet								



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BL40302 - EPA SW846-3060											
Reference (BL40302-SRM1)							Prepared: 12/04/2014 Analyzed: 12/05/2014				
Chromium, Hexavalent	90.8		mg/L	125		72.6	20.2-180				
Batch BL40328 - Analysis Preparation											
Blank (BL40328-BLK1)							Prepared & Analyzed: 12/05/2014				
Reactivity - Cyanide	ND	0.250	mg/kg								
Batch BL40329 - Analysis Preparation											
Blank (BL40329-BLK1)							Prepared & Analyzed: 12/05/2014				
Reactivity - Sulfide	ND	15.0	mg/kg								
LCS (BL40329-BS1)							Prepared & Analyzed: 12/05/2014				
Reactivity - Sulfide	216	15.0	mg/kg	250		86.4	30-150				
Duplicate (BL40329-DUP1)							Prepared & Analyzed: 12/05/2014				
Reactivity - Sulfide	64.0	15.0	mg/kg		64.0				0.00	50	



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14K0888-02	C3 Grab (0-3)	2 oz. WM Clear Glass Cool to 4° C
14K0888-04	C3 Grab (3-6)	2 oz. WM Clear Glass Cool to 4° C
14K0888-06	C3 Grab (6-9)	2 oz. WM Clear Glass Cool to 4° C
14K0888-08	C3 Grab (9-12)	2 oz. WM Clear Glass Cool to 4° C
14K0888-10	C3 Grab (12-15)	2 oz. WM Clear Glass Cool to 4° C
14K0888-12	C3 Grab (15-18)	2 oz. WM Clear Glass Cool to 4° C



Notes and Definitions

JN	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20% AND correlation coefficient <0.990 for quadratic fit).
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).
EXT-COMP	Completed
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
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.
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.
VOA-CONT	NON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
PF-01	No Free Liquid
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.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
S-DUP	Duplicate analysis confirmed surrogate failure due to matrix effects.
IGN-01	Non-Ignit.

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported



RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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



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

YORK
ANALYTICAL LABORATORIES INC.

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 analysis requested and your signature binds you to York's Std. Terms & Conditions.

Page 1 of 1

York Project No. 14K0888

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: EBC	☒ SAME ☐ X	Name:	☒ SAME ☐ X	Grid Section C3		RUSH-Same Day		Summary Report			X
Address: 1808 Middle Country Rd		Name:		25 Kent Avenue, Brooklyn, NY		RUSH-Next Day		QA Report			
Phone: 631.504.6000		Company:		Purchase Order #		RUSH-Two Day		CT RCP			
Contact: Charles Sosik		Address:				RUSH-Three Day		CT RCP DOA/DUE Pkg			
E-mail: Csosik@ebcincny.com		E-mail:				RUSH-Four Day		NY ASP A Package			
				Samples from CT	NY, X, NJ	Standard (5-7 day)		NY ASP B Package			
								X		NJDEP Reduced Deliv	
										Excel	
										NYSDEC EQUIS	
										NJDEP SRP HazSite	
										EQUIS	
										GIS/KEY (std)	
										YORK Regulatory Comp Excel	
										compared to:	
										UU, RR SCOS	
										Container Description	

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)
Sunny Chen
Name (printed)
Sunny Chen

Sample Identification	Date/Time Sampled	Matrix	Analysis Requested (List above includes common analysis)
C3 Comp (0-3)	11-24-14 8:00	Soil	SVOCS (TCL+10, NJDEP SCC List, NJDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Paint Filter, Hex Cr, EPH
C3 Grab (0-3)	8:30	Soil	VOCs (TCL+10, NJDEP SCC List, NJDEP SRS List),
C3 Comp (3-6)	9:00	Soil	SVOCS (TCL+10, NJDEP SCC List, NJDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Hex Cr, EPH
C3 Grab (3-6)	9:50	Soil	VOCs (TCL+10, NJDEP SCC List, NJDEP SRS List)
C3 Comp (6-9)	10:00	Soil	SVOCS (TCL+10, NJDEP SCC List, NJDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Hex Cr, EPH
C3 Grab (6-9)	11:00	Soil	VOCs (TCL+10, NJDEP SCC List, NJDEP SRS List)
C3 Comp (9-12)	11:50	Soil	SVOCS (TCL+10, NJDEP SCC List, NJDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Hex Cr, EPH
C3 Grab (9-12)	12:00	Soil	VOCs (TCL+10, NJDEP SCC List, NJDEP SRS List)
C3 Comp (12-15)	12:50	Soil	SVOCS (TCL+10, NJDEP SCC List, NJDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Hex Cr, EPH
C3 Grab (12-15)	12:40	Soil	VOCs (TCL+10, NJDEP SCC List, NJDEP SRS List)
C3 Comp (15-18)	12:50	Soil	SVOCS (TCL+10, NJDEP SCC List, NJDEP SRS List), TAL Metals, TCLP Metals, PCBs, RCRA Characteristics, Pesticides, Hex Cr, EPH
C3 Grab (15-18)	1:00	Soil	VOCs (TCL+10, NJDEP SCC List, NJDEP SRS List)

Preservation (check all applicable)		Special Instructions		Temperature on Receipt	
4°C	☐	Field Filtered	☐	Date/Time	11-25-14 1945
Frozen	☐	Lab to Filter	☐	Date/Time	11-25-14 1945
MeOH	☐	Samples Relinquished By		Samples Relinquished in LAB by	
Ascorbic Acid	☐	Date/Time		Date/Time	
Other	☐	Date/Time		Date/Time	
Comments:		Date/Time		Date/Time	



Wednesday, December 31, 2014

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 25 KENT AVE BROOKLYN
Sample ID#s: BH57285 - BH57288

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 31, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: AIR
Location Code: EBC
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: SUNNY
Received by: SW
Analyzed by: see "By" below

Date

12/22/14 11:44
12/23/14 19:00

Time

Laboratory Data

SDG ID: GBH57285
Phoenix ID: BH57285

Project ID: 25 KENT AVE BROOKLYN
Client ID: SG-5

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	12/24/14	KCA	TO15 1
1,1,1-Trichloroethane	52.0	0.183	284	1.00	12/24/14	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	12/24/14	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	12/24/14	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	12/24/14	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	12/24/14	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	12/24/14	KCA	TO15
1,2,4-Trimethylbenzene	0.480	0.204	2.36	1.00	12/24/14	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	12/24/14	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	12/24/14	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	12/24/14	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	12/24/14	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	12/24/14	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	12/24/14	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	12/24/14	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	12/24/14	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	12/24/14	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	12/24/14	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	12/24/14	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	12/24/14	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	12/24/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	12/24/14	KCA	TO15
Acetone	ND	0.421	ND	1.00	12/24/14	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	12/24/14	KCA	TO15
Benzene	0.440	0.313	1.40	1.00	12/24/14	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	12/24/14	KCA	TO15

Client ID: SG-5

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	12/24/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	12/24/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	12/24/14	KCA	TO15
Carbon Disulfide	2.10	0.321	6.53	1.00	12/24/14	KCA	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	12/24/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	12/24/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	12/24/14	KCA	TO15
Chloroform	0.220	0.205	1.07	1.00	12/24/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	12/24/14	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	12/24/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	12/24/14	KCA	TO15
Cyclohexane	1.68	0.291	5.78	1.00	12/24/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	12/24/14	KCA	TO15
Dichlorodifluoromethane	0.270	0.202	1.33	1.00	12/24/14	KCA	TO15
Ethanol	8.60	0.531	16.2	1.00	12/24/14	KCA	TO15 1
Ethyl acetate	ND	0.278	ND	1.00	12/24/14	KCA	TO15 1
Ethylbenzene	1.08	0.230	4.69	1.00	12/24/14	KCA	TO15
Heptane	6.73	0.244	27.6	1.00	12/24/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	12/24/14	KCA	TO15
Hexane	30.6	0.284	108	1.00	12/24/14	KCA	TO15
Isopropylalcohol	8.32	0.407	20.4	1.00	12/24/14	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	12/24/14	KCA	TO15
m,p-Xylene	3.72	0.230	16.1	1.00	12/24/14	KCA	TO15
Methyl Ethyl Ketone	ND	0.339	ND	1.00	12/24/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	12/24/14	KCA	TO15
Methylene Chloride	0.310	0.288	1.08	1.00	12/24/14	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	12/24/14	KCA	TO15 1
o-Xylene	1.47	0.230	6.38	1.00	12/24/14	KCA	TO15
Propylene	ND	0.581	ND	1.00	12/24/14	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	12/24/14	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	12/24/14	KCA	TO15
Tetrachloroethene	13.1	0.037	88.8	0.25	12/24/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	12/24/14	KCA	TO15 1
Toluene	1.71	0.266	6.44	1.00	12/24/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	12/24/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	12/24/14	KCA	TO15
Trichloroethene	2.85	0.047	15.3	0.25	12/24/14	KCA	TO15
Trichlorofluoromethane	ND	0.178	ND	1.00	12/24/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	12/24/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	12/24/14	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	98	%	98	%	12/24/14	KCA	70 - 130 %

Client ID: SG-5

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

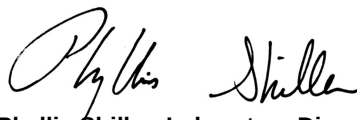
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 31, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 31, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: AIR
Location Code: EBC
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: SUNNY
Received by: SW
Analyzed by: see "By" below

Date Time
12/22/14 11:51
12/23/14 19:00

Laboratory Data

SDG ID: GBH57285
Phoenix ID: BH57286

Project ID: 25 KENT AVE BROOKLYN
Client ID: SG-12

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	12/29/14	KCA	TO15 1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	12/29/14	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	12/29/14	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	12/29/14	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	12/29/14	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	12/29/14	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	12/29/14	KCA	TO15
1,2,4-Trimethylbenzene	0.650	0.204	3.19	1.00	12/29/14	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	12/29/14	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	12/29/14	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	12/29/14	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	12/29/14	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	12/29/14	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	12/29/14	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	12/29/14	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	12/29/14	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	12/29/14	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	12/29/14	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	12/29/14	KCA	TO15 1
4-Ethyltoluene	0.210	0.204	1.03	1.00	12/29/14	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	12/29/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	12/29/14	KCA	TO15
Acetone	105	0.421	249	1.00	12/29/14	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	12/29/14	KCA	TO15
Benzene	78.8	0.313	252	1.00	12/29/14	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	12/29/14	KCA	TO15

Client ID: SG-12

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	12/29/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	12/29/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	12/29/14	KCA	TO15
Carbon Disulfide	3.12	0.321	9.71	1.00	12/29/14	KCA	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	12/29/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	12/29/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	12/29/14	KCA	TO15
Chloroform	0.490	0.205	2.39	1.00	12/29/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	12/29/14	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	12/29/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	12/29/14	KCA	TO15
Cyclohexane	25.6	0.291	88.1	1.00	12/29/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	12/29/14	KCA	TO15
Dichlorodifluoromethane	0.420	0.202	2.08	1.00	12/29/14	KCA	TO15
Ethanol	29.6	0.531	55.7	1.00	12/29/14	KCA	TO15 1
Ethyl acetate	ND	0.278	ND	1.00	12/29/14	KCA	TO15 1
Ethylbenzene	1.37	0.230	5.94	1.00	12/29/14	KCA	TO15
Heptane	8.87	0.244	36.3	1.00	12/29/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	12/29/14	KCA	TO15
Hexane	23.7	0.284	83.5	1.00	12/29/14	KCA	TO15
Isopropylalcohol	12.3	0.407	30.2	1.00	12/29/14	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	12/29/14	KCA	TO15
m,p-Xylene	4.63	0.230	20.1	1.00	12/29/14	KCA	TO15
Methyl Ethyl Ketone	1.78	0.339	5.25	1.00	12/29/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	12/29/14	KCA	TO15
Methylene Chloride	ND	0.288	ND	1.00	12/29/14	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	12/29/14	KCA	TO15 1
o-Xylene	1.92	0.230	8.33	1.00	12/29/14	KCA	TO15
Propylene	132	0.581	227	1.00	12/29/14	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	12/29/14	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	12/29/14	KCA	TO15
Tetrachloroethene	0.240	0.037	1.63	0.25	12/29/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	12/29/14	KCA	TO15 1
Toluene	16.0	0.266	60.2	1.00	12/29/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	12/29/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	12/29/14	KCA	TO15
Trichloroethene	ND	0.047	ND	0.25	12/29/14	KCA	TO15
Trichlorofluoromethane	ND	0.178	ND	1.00	12/29/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	12/29/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	12/29/14	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	96	%	96	%	12/29/14	KCA	70 - 130 %

Client ID: SG-12

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

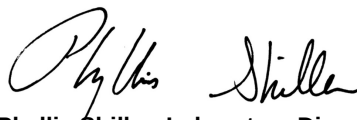
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 31, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 31, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: AIR
Location Code: EBC
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: SUNNY
Received by: SW
Analyzed by: see "By" below

Date

12/22/14 10:52
12/23/14 19:00

Time

Laboratory Data

SDG ID: GBH57285
Phoenix ID: BH57287

Project ID: 25 KENT AVE BROOKLYN
Client ID: SG-7

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	12/29/14	KCA	TO15 1
1,1,1-Trichloroethane	1.20	0.183	6.54	1.00	12/29/14	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	12/29/14	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	12/29/14	KCA	TO15
1,1-Dichloroethane	0.410	0.247	1.66	1.00	12/29/14	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	12/29/14	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	12/29/14	KCA	TO15
1,2,4-Trimethylbenzene	0.740	0.204	3.64	1.00	12/29/14	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	12/29/14	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	12/29/14	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	12/29/14	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	12/29/14	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	12/29/14	KCA	TO15
1,3,5-Trimethylbenzene	0.210	0.204	1.03	1.00	12/29/14	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	12/29/14	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	12/29/14	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	12/29/14	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	12/29/14	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	12/29/14	KCA	TO15 1
4-Ethyltoluene	0.240	0.204	1.18	1.00	12/29/14	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	12/29/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	12/29/14	KCA	TO15
Acetone	95.8	0.421	227	1.00	12/29/14	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	12/29/14	KCA	TO15
Benzene	23.5	0.313	75.0	1.00	12/29/14	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	12/29/14	KCA	TO15

Client ID: SG-7

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	12/29/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	12/29/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	12/29/14	KCA	TO15
Carbon Disulfide	2.51	0.321	7.81	1.00	12/29/14	KCA	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	12/29/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	12/29/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	12/29/14	KCA	TO15
Chloroform	0.350	0.205	1.71	1.00	12/29/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	12/29/14	KCA	TO15
Cis-1,2-Dichloroethene	0.690	0.252	2.73	1.00	12/29/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	12/29/14	KCA	TO15
Cyclohexane	5.70	0.291	19.6	1.00	12/29/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	12/29/14	KCA	TO15
Dichlorodifluoromethane	0.510	0.202	2.52	1.00	12/29/14	KCA	TO15
Ethanol	24.9	0.531	46.9	1.00	12/29/14	KCA	TO15 1
Ethyl acetate	ND	0.278	ND	1.00	12/29/14	KCA	TO15 1
Ethylbenzene	2.95	0.230	12.8	1.00	12/29/14	KCA	TO15
Heptane	17.0	0.244	69.6	1.00	12/29/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	12/29/14	KCA	TO15
Hexane	12.7	0.284	44.7	1.00	12/29/14	KCA	TO15
Isopropylalcohol	18.0	0.407	44.2	1.00	12/29/14	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	12/29/14	KCA	TO15
m,p-Xylene	8.84	0.230	38.4	1.00	12/29/14	KCA	TO15
Methyl Ethyl Ketone	4.49	0.339	13.2	1.00	12/29/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	1.87	0.278	6.74	1.00	12/29/14	KCA	TO15
Methylene Chloride	0.290	0.288	1.01	1.00	12/29/14	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	12/29/14	KCA	TO15 1
o-Xylene	3.17	0.230	13.8	1.00	12/29/14	KCA	TO15
Propylene	4.08	0.581	7.02	1.00	12/29/14	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	12/29/14	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	12/29/14	KCA	TO15
Tetrachloroethene	10.0	0.037	67.8	0.25	12/29/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	12/29/14	KCA	TO15 1
Toluene	38.4	0.266	145	1.00	12/29/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	12/29/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	12/29/14	KCA	TO15
Trichloroethene	1.14	0.047	6.12	0.25	12/29/14	KCA	TO15
Trichlorofluoromethane	ND	0.178	ND	1.00	12/29/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	12/29/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	12/29/14	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	93	%	93	%	12/29/14	KCA	70 - 130 %

Client ID: SG-7

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

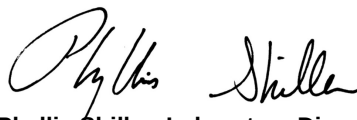
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 31, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 31, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: AIR
Location Code: EBC
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: SUNNY
Received by: SW
Analyzed by: see "By" below

Date Time
12/22/14 11:52
12/23/14 19:00

Laboratory Data

SDG ID: GBH57285
Phoenix ID: BH57288

Project ID: 25 KENT AVE BROOKLYN
Client ID: SG-14

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	12/29/14	KCA	TO15	1
1,1,1-Trichloroethane	1.50	0.183	8.18	1.00	12/29/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	12/29/14	KCA	TO15	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	12/29/14	KCA	TO15	
1,1-Dichloroethane	ND	0.247	ND	1.00	12/29/14	KCA	TO15	
1,1-Dichloroethene	ND	0.252	ND	1.00	12/29/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	12/29/14	KCA	TO15	
1,2,4-Trimethylbenzene	0.680	0.204	3.34	1.00	12/29/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	12/29/14	KCA	TO15	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	12/29/14	KCA	TO15	
1,2-Dichloroethane	ND	0.247	ND	1.00	12/29/14	KCA	TO15	
1,2-dichloropropane	ND	0.216	ND	1.00	12/29/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	12/29/14	KCA	TO15	
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	12/29/14	KCA	TO15	
1,3-Butadiene	ND	0.452	ND	1.00	12/29/14	KCA	TO15	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	12/29/14	KCA	TO15	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	12/29/14	KCA	TO15	
1,4-Dioxane	ND	0.278	ND	1.00	12/29/14	KCA	TO15	
2-Hexanone(MBK)	ND	0.244	ND	1.00	12/29/14	KCA	TO15	1
4-Ethyltoluene	ND	0.204	ND	1.00	12/29/14	KCA	TO15	1
4-Isopropyltoluene	ND	0.182	ND	1.00	12/29/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	12/29/14	KCA	TO15	
Acetone	73.7	0.421	175	1.00	12/29/14	KCA	TO15	
Acrylonitrile	ND	0.461	ND	1.00	12/29/14	KCA	TO15	
Benzene	8.99	0.313	28.7	1.00	12/29/14	KCA	TO15	
Benzyl chloride	ND	0.193	ND	1.00	12/29/14	KCA	TO15	

Client ID: SG-14

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	12/29/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	12/29/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	12/29/14	KCA	TO15
Carbon Disulfide	0.740	0.321	2.30	1.00	12/29/14	KCA	TO15
Carbon Tetrachloride	0.070	0.040	0.440	0.25	12/29/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	12/29/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	12/29/14	KCA	TO15
Chloroform	0.400	0.205	1.95	1.00	12/29/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	12/29/14	KCA	TO15
Cis-1,2-Dichloroethene	22.9	0.252	90.7	1.00	12/29/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	12/29/14	KCA	TO15
Cyclohexane	0.510	0.291	1.75	1.00	12/29/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	12/29/14	KCA	TO15
Dichlorodifluoromethane	0.550	0.202	2.72	1.00	12/29/14	KCA	TO15
Ethanol	12.7	0.531	23.9	1.00	12/29/14	KCA	TO15 1
Ethyl acetate	0.950	0.278	3.42	1.00	12/29/14	KCA	TO15 1
Ethylbenzene	1.52	0.230	6.60	1.00	12/29/14	KCA	TO15
Heptane	1.07	0.244	4.38	1.00	12/29/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	12/29/14	KCA	TO15
Hexane	0.600	0.284	2.11	1.00	12/29/14	KCA	TO15
Isopropylalcohol	11.6	0.407	28.5	1.00	12/29/14	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	12/29/14	KCA	TO15
m,p-Xylene	4.94	0.230	21.4	1.00	12/29/14	KCA	TO15
Methyl Ethyl Ketone	1.69	0.339	4.98	1.00	12/29/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	12/29/14	KCA	TO15
Methylene Chloride	0.290	0.288	1.01	1.00	12/29/14	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	12/29/14	KCA	TO15 1
o-Xylene	2.04	0.230	8.85	1.00	12/29/14	KCA	TO15
Propylene	1.22	0.581	2.10	1.00	12/29/14	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	12/29/14	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	12/29/14	KCA	TO15
Tetrachloroethene	36.2	0.037	245	0.25	12/29/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	12/29/14	KCA	TO15 1
Toluene	7.61	0.266	28.7	1.00	12/29/14	KCA	TO15
Trans-1,2-Dichloroethene	3.21	0.252	12.7	1.00	12/29/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	12/29/14	KCA	TO15
Trichloroethene	3.01	0.047	16.2	0.25	12/29/14	KCA	TO15
Trichlorofluoromethane	0.330	0.178	1.85	1.00	12/29/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	12/29/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	12/29/14	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	90	%	90	%	12/29/14	KCA	70 - 130 %

Client ID: SG-14

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

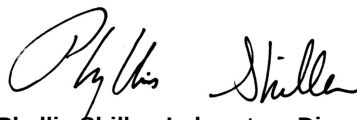
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 31, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

December 31, 2014

QA/QC Data

SDG I.D.: GBH57285

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 295720, QC Sample No: BH56257 (BH57285)										
Volatiles										
1,1,1,2-Tetrachloroethane	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	84	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	101	2.60	2.55	0.530	0.520	1.9	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	117	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
1,3-Butadiene	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	ND	98	85.7	85.5	36.1	36.0	0.3	70 - 130	20
Acrylonitrile	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	95	3.67	3.64	1.15	1.14	0.9	70 - 130	20
Benzyl chloride	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	96	1.68	1.74	0.540	0.560	3.6	70 - 130	20
Carbon Tetrachloride	ND	ND	107	0.377	0.377	0.060	0.060	0.0	70 - 130	20
Chlorobenzene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	94	1.03	1.03	0.300	0.300	0.0	70 - 130	20
Dibromochloromethane	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	111	1.98	2.12	0.400	0.430	7.2	70 - 130	20
Ethanol	ND	ND	100	27.7	28.2	14.7	15.0	2.0	70 - 130	20

QA/QC Data

SDG I.D.: GBH57285

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	ND	104	1.12	1.15	0.310	0.320	3.2	70 - 130	20
Ethylbenzene	ND	ND	104	4.56	4.47	1.05	1.03	1.9	70 - 130	20
Heptane	ND	ND	103	2.54	2.09	0.620	0.510	19.5	70 - 130	20
Hexachlorobutadiene	ND	ND	73	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	95	2.11	2.68	0.600	0.760	23.5	70 - 130	20
Isopropylalcohol	ND	ND	99	30.5	30.7	12.4	12.5	0.8	70 - 130	20
Isopropylbenzene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	ND	106	15.5	15.2	3.58	3.51	2.0	70 - 130	20
Methyl Ethyl Ketone	ND	ND	74	1.80	1.59	0.610	0.540	12.2	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	85	ND	ND	ND	ND	NC	70 - 130	20
n-Butylbenzene	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	ND	103	5.47	5.34	1.26	1.23	2.4	70 - 130	20
Propylene	ND	ND	118	1.10	1.17	0.640	0.680	6.1	70 - 130	20
sec-Butylbenzene	ND	ND	91	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	105	0.949	0.881	0.140	0.130	7.4	70 - 130	20
Tetrahydrofuran	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	106	13.3	13.4	3.54	3.56	0.6	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	116	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Trichlorofluoromethane	ND	ND	106	1.12	1.12	0.200	0.200	0.0	70 - 130	20
Trichlorotrifluoroethane	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	93	93	105	94	94	94	94	0.0	70 - 130	20

QA/QC Batch 295926, QC Sample No: BH57286 (BH57286, BH57287, BH57288)

Volatiles

1,1,1,2-Tetrachloroethane	ND	ND	120	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	89	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	109	3.19	3.10	0.650	0.630	3.1	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
1,3-Butadiene	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	106	1.03	0.933	0.210	0.190	10.0	70 - 130	20
4-Isopropyltoluene	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	ND	96	214	220	90.0	92.6	2.8	70 - 130	20
Acrylonitrile	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20

QA/QC Data

SDG I.D.: GBH57285

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Benzene	ND	ND	100	220	219	68.9	68.7	0.3	70 - 130	20
Benzyl chloride	ND	ND	127	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	96	9.71	9.68	3.12	3.11	0.3	70 - 130	20
Carbon Tetrachloride	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
Chlorobenzene	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	97	2.39	2.44	0.490	0.500	2.0	70 - 130	20
Chloromethane	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	98	88.1	89.8	25.6	26.1	1.9	70 - 130	20
Dibromochloromethane	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	101	2.08	2.03	0.420	0.410	2.4	70 - 130	20
Ethanol	ND	ND	93	55.7	54.2	29.6	28.8	2.7	70 - 130	20
Ethyl acetate	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
Ethylbenzene	ND	ND	105	5.94	6.12	1.37	1.41	2.9	70 - 130	20
Heptane	ND	ND	96	36.3	36.6	8.87	8.95	0.9	70 - 130	20
Hexachlorobutadiene	ND	ND	74	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	97	83.5	85.2	23.7	24.2	2.1	70 - 130	20
Isopropylalcohol	ND	ND	96	30.2	29.7	12.3	12.1	1.6	70 - 130	20
Isopropylbenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	ND	106	20.1	20.7	4.63	4.78	3.2	70 - 130	20
Methyl Ethyl Ketone	ND	ND	101	5.25	5.33	1.78	1.81	1.7	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	85	ND	ND	ND	ND	NC	70 - 130	20
n-Butylbenzene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	ND	104	8.33	8.81	1.92	2.03	5.6	70 - 130	20
Propylene	ND	ND	100	155	147	90.0	85.6	5.0	70 - 130	20
sec-Butylbenzene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	106	1.69	1.69	0.250	0.250	0.0	70 - 130	20
Tetrahydrofuran	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	104	60.2	59.9	16.0	15.9	0.6	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	116	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
Trichlorofluoromethane	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Trichlorotrifluoroethane	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	104	104	98	96	97	96	97	1.0	70 - 130	20

r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
December 31, 2014

QA/QC Data

SDG I.D.: GBH57285

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits

Sample Criteria Exceedences Report

Criteria: None

GBH57285 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Tuesday, December 30, 2014

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 25 KENT AVE BROOKLYN NY
Sample ID#s: BH56257 - BH56261

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: AIR
Location Code: EBC
Rush Request: 48 Hour
P.O.#:

Custody Information

Collected by: RL
Received by: SW
Analyzed by: see "By" below

Date Time
12/21/14 15:08
12/22/14 16:08

Laboratory Data

SDG ID: GBH56257
Phoenix ID: BH56257

Project ID: 25 KENT AVE BROOKLYN NY
Client ID: S G 1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	12/23/14	KCA	TO15 1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	12/23/14	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	12/23/14	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	12/23/14	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	12/23/14	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	12/23/14	KCA	TO15
1,2,4-Trimethylbenzene	0.530	0.204	2.60	1.00	12/23/14	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	12/23/14	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	12/23/14	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	12/23/14	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	12/23/14	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	12/23/14	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	12/23/14	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	12/23/14	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	12/23/14	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	12/23/14	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	12/23/14	KCA	TO15
Acetone	36.1	0.421	85.7	1.00	12/23/14	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	12/23/14	KCA	TO15
Benzene	1.15	0.313	3.67	1.00	12/23/14	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	12/23/14	KCA	TO15

Client ID: S G 1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	12/23/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	12/23/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	12/23/14	KCA	TO15
Carbon Disulfide	0.540	0.321	1.68	1.00	12/23/14	KCA	TO15
Carbon Tetrachloride	0.060	0.040	0.377	0.25	12/23/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	12/23/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	12/23/14	KCA	TO15
Chloroform	ND	0.205	ND	1.00	12/23/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	12/23/14	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	12/23/14	KCA	TO15
Cyclohexane	0.300	0.291	1.03	1.00	12/23/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	12/23/14	KCA	TO15
Dichlorodifluoromethane	0.400	0.202	1.98	1.00	12/23/14	KCA	TO15
Ethanol	14.7	0.531	27.7	1.00	12/23/14	KCA	TO15 1
Ethyl acetate	0.310	0.278	1.12	1.00	12/23/14	KCA	TO15 1
Ethylbenzene	1.05	0.230	4.56	1.00	12/23/14	KCA	TO15
Heptane	0.620	0.244	2.54	1.00	12/23/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	12/23/14	KCA	TO15
Hexane	0.600	0.284	2.11	1.00	12/23/14	KCA	TO15
Isopropylalcohol	12.4	0.407	30.5	1.00	12/23/14	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	12/23/14	KCA	TO15
m,p-Xylene	3.58	0.230	15.5	1.00	12/23/14	KCA	TO15
Methyl Ethyl Ketone	0.610	0.339	1.80	1.00	12/23/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	12/23/14	KCA	TO15
Methylene Chloride	ND	0.288	ND	1.00	12/23/14	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
o-Xylene	1.26	0.230	5.47	1.00	12/23/14	KCA	TO15
Propylene	0.640	0.581	1.10	1.00	12/23/14	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	12/23/14	KCA	TO15
Tetrachloroethene	0.140	0.037	0.949	0.25	12/23/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	12/23/14	KCA	TO15 1
Toluene	3.54	0.266	13.3	1.00	12/23/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	12/23/14	KCA	TO15
Trichloroethene	ND	0.047	ND	0.25	12/23/14	KCA	TO15
Trichlorofluoromethane	0.200	0.178	1.12	1.00	12/23/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	12/23/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	12/23/14	KCA	TO15
<u>QA/OC Surrogates</u>							
% Bromofluorobenzene	94	%	94	%	12/23/14	KCA	70 - 130 %

Client ID: S G 1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

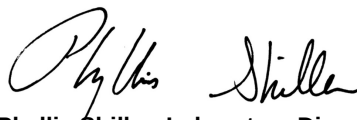
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: AIR
Location Code: EBC
Rush Request: 48 Hour
P.O.#:

Custody Information

Collected by: RL
Received by: SW
Analyzed by: see "By" below

Date

12/21/14 15:10
12/22/14 16:08

Time

Laboratory Data

SDG ID: GBH56257
Phoenix ID: BH56258

Project ID: 25 KENT AVE BROOKLYN NY
Client ID: S G 10

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	12/23/14	KCA	TO15 1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	12/23/14	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	12/23/14	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	12/23/14	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	12/23/14	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	12/23/14	KCA	TO15
1,2,4-Trimethylbenzene	0.580	0.204	2.85	1.00	12/23/14	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	12/23/14	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	12/23/14	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	12/23/14	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	12/23/14	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	12/23/14	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	12/23/14	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	12/23/14	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	12/23/14	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	12/23/14	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	12/23/14	KCA	TO15
Acetone	20.0	0.421	47.5	1.00	12/23/14	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	12/23/14	KCA	TO15
Benzene	ND	0.313	ND	1.00	12/23/14	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	12/23/14	KCA	TO15

Client ID: S G 10

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	12/23/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	12/23/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	12/23/14	KCA	TO15
Carbon Disulfide	1.43	0.321	4.45	1.00	12/23/14	KCA	TO15
Carbon Tetrachloride	0.070	0.040	0.440	0.25	12/23/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	12/23/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	12/23/14	KCA	TO15
Chloroform	ND	0.205	ND	1.00	12/23/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	12/23/14	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	12/23/14	KCA	TO15
Cyclohexane	3.31	0.291	11.4	1.00	12/23/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	12/23/14	KCA	TO15
Dichlorodifluoromethane	0.440	0.202	2.17	1.00	12/23/14	KCA	TO15
Ethanol	12.3	0.531	23.2	1.00	12/23/14	KCA	TO15 1
Ethyl acetate	ND	0.278	ND	1.00	12/23/14	KCA	TO15 1
Ethylbenzene	1.15	0.230	4.99	1.00	12/23/14	KCA	TO15
Heptane	20.5	0.244	84.0	1.00	12/23/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	12/23/14	KCA	TO15
Hexane	3.10	0.284	10.9	1.00	12/23/14	KCA	TO15
Isopropylalcohol	11.5	0.407	28.2	1.00	12/23/14	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	12/23/14	KCA	TO15
m,p-Xylene	3.64	0.230	15.8	1.00	12/23/14	KCA	TO15
Methyl Ethyl Ketone	ND	0.339	ND	1.00	12/23/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	12/23/14	KCA	TO15
Methylene Chloride	0.350	0.288	1.22	1.00	12/23/14	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
o-Xylene	1.21	0.230	5.25	1.00	12/23/14	KCA	TO15
Propylene	1.04	0.581	1.79	1.00	12/23/14	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	12/23/14	KCA	TO15
Tetrachloroethene	0.060	0.037	0.407	0.25	12/23/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	12/23/14	KCA	TO15 1
Toluene	3.09	0.266	11.6	1.00	12/23/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	12/23/14	KCA	TO15
Trichloroethene	ND	0.047	ND	0.25	12/23/14	KCA	TO15
Trichlorofluoromethane	0.240	0.178	1.35	1.00	12/23/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	12/23/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	12/23/14	KCA	TO15
<u>QA/OC Surrogates</u>							
% Bromofluorobenzene	108	%	108	%	12/23/14	KCA	70 - 130 %

Client ID: S G 10

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

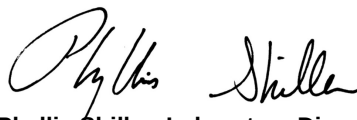
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: AIR
Location Code: EBC
Rush Request: 48 Hour
P.O.#:

Custody Information

Collected by: RL
Received by: SW
Analyzed by: see "By" below

Date

12/21/14 15:12
12/22/14 16:08

Time

Laboratory Data

SDG ID: GBH56257
Phoenix ID: BH56259

Project ID: 25 KENT AVE BROOKLYN NY
Client ID: S G 11

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
<u>Volatiles (TO15)</u>							
1,1,1,2-Tetrachloroethane	ND	21.0	ND	144	12/23/14	KCA	TO15 1
1,1,1-Trichloroethane	ND	26.4	ND	144	12/23/14	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	21.0	ND	144	12/23/14	KCA	TO15
1,1,2-Trichloroethane	ND	26.4	ND	144	12/23/14	KCA	TO15
1,1-Dichloroethane	ND	35.6	ND	144	12/23/14	KCA	TO15
1,1-Dichloroethene	ND	36.3	ND	144	12/23/14	KCA	TO15
1,2,4-Trichlorobenzene	ND	19.4	ND	144	12/23/14	KCA	TO15
1,2,4-Trimethylbenzene	ND	29.3	ND	144	12/23/14	KCA	TO15
1,2-Dibromoethane(EDB)	ND	18.8	ND	144	12/23/14	KCA	TO15
1,2-Dichlorobenzene	ND	24.0	ND	144	12/23/14	KCA	TO15
1,2-Dichloroethane	ND	35.6	ND	144	12/23/14	KCA	TO15
1,2-dichloropropane	ND	31.2	ND	144	12/23/14	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	20.6	ND	144	12/23/14	KCA	TO15
1,3,5-Trimethylbenzene	ND	29.3	ND	144	12/23/14	KCA	TO15
1,3-Butadiene	ND	65.1	ND	144	12/23/14	KCA	TO15
1,3-Dichlorobenzene	ND	24.0	ND	144	12/23/14	KCA	TO15
1,4-Dichlorobenzene	ND	24.0	ND	144	12/23/14	KCA	TO15
1,4-Dioxane	ND	40.0	ND	144	12/23/14	KCA	TO15
2-Hexanone(MBK)	ND	35.2	ND	144	12/23/14	KCA	TO15 1
4-Ethyltoluene	ND	29.3	ND	144	12/23/14	KCA	TO15 1
4-Isopropyltoluene	ND	26.2	ND	144	12/23/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	35.2	ND	144	12/23/14	KCA	TO15
Acetone	141	60.6	335	144	12/23/14	KCA	TO15
Acrylonitrile	ND	66.4	ND	144	12/23/14	KCA	TO15
Benzene	ND	45.1	ND	144	12/23/14	KCA	TO15
Benzyl chloride	ND	27.8	ND	144	12/23/14	KCA	TO15

Client ID: S G 11

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	21.5	ND	144	12/23/14	KCA	TO15
Bromoform	ND	13.9	ND	144	12/23/14	KCA	TO15
Bromomethane	ND	37.1	ND	144	12/23/14	KCA	TO15
Carbon Disulfide	61.9	46.3	193	144	12/23/14	KCA	TO15
Carbon Tetrachloride	ND	5.71	ND	35.9	12/23/14	KCA	TO15
Chlorobenzene	ND	31.3	ND	144	12/23/14	KCA	TO15
Chloroethane	ND	54.6	ND	144	12/23/14	KCA	TO15
Chloroform	ND	29.5	ND	144	12/23/14	KCA	TO15
Chloromethane	ND	69.8	ND	144	12/23/14	KCA	TO15
Cis-1,2-Dichloroethene	ND	36.3	ND	144	12/23/14	KCA	TO15
cis-1,3-Dichloropropene	ND	31.7	ND	144	12/23/14	KCA	TO15
Cyclohexane	10600	41.9	36500	144	12/23/14	KCA	TO15
Dibromochloromethane	ND	16.9	ND	144	12/23/14	KCA	TO15
Dichlorodifluoromethane	ND	29.1	ND	144	12/23/14	KCA	TO15
Ethanol	ND	76.5	ND	144	12/23/14	KCA	TO15 1
Ethyl acetate	ND	40.0	ND	144	12/23/14	KCA	TO15 1
Ethylbenzene	ND	33.2	ND	144	12/23/14	KCA	TO15
Heptane	239	35.2	979	144	12/23/14	KCA	TO15
Hexachlorobutadiene	ND	13.5	ND	144	12/23/14	KCA	TO15
Hexane	1590	40.9	5600	144	12/23/14	KCA	TO15
Isopropylalcohol	ND	58.6	ND	144	12/23/14	KCA	TO15
Isopropylbenzene	ND	29.3	ND	144	12/23/14	KCA	TO15
m,p-Xylene	ND	33.2	ND	144	12/23/14	KCA	TO15
Methyl Ethyl Ketone	ND	48.8	ND	144	12/23/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	40.0	ND	144	12/23/14	KCA	TO15
Methylene Chloride	ND	41.5	ND	144	12/23/14	KCA	TO15
n-Butylbenzene	ND	26.2	ND	144	12/23/14	KCA	TO15 1
o-Xylene	ND	33.2	ND	144	12/23/14	KCA	TO15
Propylene	685	83.7	1180	144	12/23/14	KCA	TO15 1
sec-Butylbenzene	ND	26.2	ND	144	12/23/14	KCA	TO15 1
Styrene	ND	33.8	ND	144	12/23/14	KCA	TO15
Tetrachloroethene	ND	5.31	ND	36.0	12/23/14	KCA	TO15
Tetrahydrofuran	ND	48.8	ND	144	12/23/14	KCA	TO15 1
Toluene	ND	38.2	ND	144	12/23/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	36.3	ND	144	12/23/14	KCA	TO15
trans-1,3-Dichloropropene	ND	31.7	ND	144	12/23/14	KCA	TO15
Trichloroethene	ND	6.70	ND	36.0	12/23/14	KCA	TO15
Trichlorofluoromethane	ND	25.6	ND	144	12/23/14	KCA	TO15
Trichlorotrifluoroethane	ND	18.8	ND	144	12/23/14	KCA	TO15
Vinyl Chloride	ND	14.1	ND	36.0	12/23/14	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	100	%	100	%	12/23/14	KCA	70 - 130 %

Client ID: S G 11

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

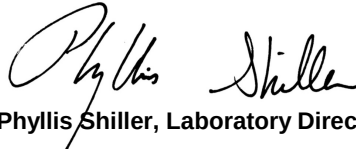
BRL=Below Reporting Level

Comments:

Due to matrix interference from non target compounds in the sample an elevated RL was reported.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: AIR
Location Code: EBC
Rush Request: 48 Hour
P.O.#:

Custody Information

Collected by: RL
Received by: SW
Analyzed by: see "By" below

Date

12/21/14 12:09
12/22/14 16:08

Laboratory Data

SDG ID: GBH56257
Phoenix ID: BH56260

Project ID: 25 KENT AVE BROOKLYN NY
Client ID: S G 6

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	12/23/14	KCA	TO15 1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	12/23/14	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	12/23/14	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	12/23/14	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	12/23/14	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	12/23/14	KCA	TO15
1,2,4-Trimethylbenzene	0.410	0.204	2.01	1.00	12/23/14	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	12/23/14	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	12/23/14	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	12/23/14	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	12/23/14	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	12/23/14	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	12/23/14	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	12/23/14	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	12/23/14	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	12/23/14	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	12/23/14	KCA	TO15
Acetone	27.4	0.421	65.0	1.00	12/23/14	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	12/23/14	KCA	TO15
Benzene	0.370	0.313	1.18	1.00	12/23/14	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	12/23/14	KCA	TO15

Client ID: S G 6

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	12/23/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	12/23/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	12/23/14	KCA	TO15
Carbon Disulfide	ND	0.321	ND	1.00	12/23/14	KCA	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	12/23/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	12/23/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	12/23/14	KCA	TO15
Chloroform	ND	0.205	ND	1.00	12/23/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	12/23/14	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	12/23/14	KCA	TO15
Cyclohexane	0.700	0.291	2.41	1.00	12/23/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	12/23/14	KCA	TO15
Dichlorodifluoromethane	0.320	0.202	1.58	1.00	12/23/14	KCA	TO15
Ethanol	11.6	0.531	21.8	1.00	12/23/14	KCA	TO15 1
Ethyl acetate	ND	0.278	ND	1.00	12/23/14	KCA	TO15 1
Ethylbenzene	0.850	0.230	3.69	1.00	12/23/14	KCA	TO15
Heptane	0.410	0.244	1.68	1.00	12/23/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	12/23/14	KCA	TO15
Hexane	2.49	0.284	8.77	1.00	12/23/14	KCA	TO15
Isopropylalcohol	7.73	0.407	19.0	1.00	12/23/14	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	12/23/14	KCA	TO15
m,p-Xylene	2.85	0.230	12.4	1.00	12/23/14	KCA	TO15
Methyl Ethyl Ketone	0.450	0.339	1.33	1.00	12/23/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	12/23/14	KCA	TO15
Methylene Chloride	4.00	0.288	13.9	1.00	12/23/14	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
o-Xylene	0.970	0.230	4.21	1.00	12/23/14	KCA	TO15
Propylene	ND	0.581	ND	1.00	12/23/14	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	12/23/14	KCA	TO15
Tetrachloroethene	0.110	0.037	0.746	0.25	12/23/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	12/23/14	KCA	TO15 1
Toluene	3.02	0.266	11.4	1.00	12/23/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	12/23/14	KCA	TO15
Trichloroethene	ND	0.047	ND	0.25	12/23/14	KCA	TO15
Trichlorofluoromethane	ND	0.178	ND	1.00	12/23/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	12/23/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	12/23/14	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	92	%	92	%	12/23/14	KCA	70 - 130 %

Client ID: S G 6

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

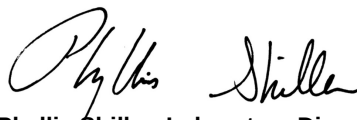
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: AIR
Location Code: EBC
Rush Request: 48 Hour
P.O.#:

Custody Information

Collected by: RL
Received by: SW
Analyzed by: see "By" below

Date

12/21/14 15:15
12/22/14 16:08

Time

Laboratory Data

SDG ID: GBH56257
Phoenix ID: BH56261

Project ID: 25 KENT AVE BROOKLYN NY
Client ID: S G 2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
<u>Volatiles (TO15)</u>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	12/23/14	KCA	TO15 1
1,1,1-Trichloroethane	0.600	0.183	3.27	1.00	12/23/14	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	12/23/14	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	12/23/14	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	12/23/14	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	12/23/14	KCA	TO15
1,2,4-Trimethylbenzene	0.530	0.204	2.60	1.00	12/23/14	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	12/23/14	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	12/23/14	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	12/23/14	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	12/23/14	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	12/23/14	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	12/23/14	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	12/23/14	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	12/23/14	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	12/23/14	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	12/23/14	KCA	TO15
Acetone	52.3	0.421	124	1.00	12/23/14	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	12/23/14	KCA	TO15
Benzene	0.510	0.313	1.63	1.00	12/23/14	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	12/23/14	KCA	TO15

Client ID: S G 2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	12/23/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	12/23/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	12/23/14	KCA	TO15
Carbon Disulfide	1.02	0.321	3.17	1.00	12/23/14	KCA	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	12/23/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	12/23/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	12/23/14	KCA	TO15
Chloroform	ND	0.205	ND	1.00	12/23/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	12/23/14	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	12/23/14	KCA	TO15
Cyclohexane	0.810	0.291	2.79	1.00	12/23/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	12/23/14	KCA	TO15
Dichlorodifluoromethane	0.390	0.202	1.93	1.00	12/23/14	KCA	TO15
Ethanol	11.1	0.531	20.9	1.00	12/23/14	KCA	TO15 1
Ethyl acetate	0.580	0.278	2.09	1.00	12/23/14	KCA	TO15 1
Ethylbenzene	1.26	0.230	5.47	1.00	12/23/14	KCA	TO15
Heptane	1.43	0.244	5.86	1.00	12/23/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	12/23/14	KCA	TO15
Hexane	2.60	0.284	9.16	1.00	12/23/14	KCA	TO15
Isopropylalcohol	10.7	0.407	26.3	1.00	12/23/14	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	12/23/14	KCA	TO15
m,p-Xylene	4.09	0.230	17.7	1.00	12/23/14	KCA	TO15
Methyl Ethyl Ketone	0.950	0.339	2.80	1.00	12/23/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	12/23/14	KCA	TO15
Methylene Chloride	1.02	0.288	3.54	1.00	12/23/14	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
o-Xylene	1.45	0.230	6.29	1.00	12/23/14	KCA	TO15
Propylene	1.81	0.581	3.11	1.00	12/23/14	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	12/23/14	KCA	TO15
Tetrachloroethene	6.83	0.037	46.3	0.25	12/23/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	12/23/14	KCA	TO15 1
Toluene	5.21	0.266	19.6	1.00	12/23/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	12/23/14	KCA	TO15
Trichloroethene	1.42	0.047	7.63	0.25	12/23/14	KCA	TO15
Trichlorofluoromethane	ND	0.178	ND	1.00	12/23/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	12/23/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	12/23/14	KCA	TO15
<u>QA/OC Surrogates</u>							
% Bromofluorobenzene	98	%	98	%	12/23/14	KCA	70 - 130 %

Client ID: S G 2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

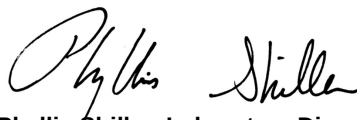
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

December 30, 2014

QA/QC Data

SDG I.D.: GBH56257

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 295720, QC Sample No: BH56257 (BH56257, BH56258, BH56259 (18X) , BH56260, BH56261)										
Volatiles										
1,1,1,2-Tetrachloroethane	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	84	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	101	2.60	2.55	0.530	0.520	1.9	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	117	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
1,3-Butadiene	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	ND	98	85.7	85.5	36.1	36.0	0.3	70 - 130	20
Acrylonitrile	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	95	3.67	3.64	1.15	1.14	0.9	70 - 130	20
Benzyl chloride	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	96	1.68	1.74	0.540	0.560	3.6	70 - 130	20
Carbon Tetrachloride	ND	ND	107	0.377	0.377	0.060	0.060	0.0	70 - 130	20
Chlorobenzene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	94	1.03	1.03	0.300	0.300	0.0	70 - 130	20
Dibromochloromethane	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	111	1.98	2.12	0.400	0.430	7.2	70 - 130	20
Ethanol	ND	ND	100	27.7	28.2	14.7	15.0	2.0	70 - 130	20

QA/QC Data

SDG I.D.: GBH56257

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	ND	104	1.12	1.15	0.310	0.320	3.2	70 - 130	20
Ethylbenzene	ND	ND	104	4.56	4.47	1.05	1.03	1.9	70 - 130	20
Heptane	ND	ND	103	2.54	2.09	0.620	0.510	19.5	70 - 130	20
Hexachlorobutadiene	ND	ND	73	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	95	2.11	2.68	0.600	0.760	23.5	70 - 130	20
Isopropylalcohol	ND	ND	99	30.5	30.7	12.4	12.5	0.8	70 - 130	20
Isopropylbenzene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	ND	106	15.5	15.2	3.58	3.51	2.0	70 - 130	20
Methyl Ethyl Ketone	ND	ND	74	1.80	1.59	0.610	0.540	12.2	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	85	ND	ND	ND	ND	NC	70 - 130	20
n-Butylbenzene	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	ND	103	5.47	5.34	1.26	1.23	2.4	70 - 130	20
Propylene	ND	ND	118	1.10	1.17	0.640	0.680	6.1	70 - 130	20
sec-Butylbenzene	ND	ND	91	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	105	0.949	0.881	0.140	0.130	7.4	70 - 130	20
Tetrahydrofuran	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	106	13.3	13.4	3.54	3.56	0.6	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	116	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Trichlorofluoromethane	ND	ND	106	1.12	1.12	0.200	0.200	0.0	70 - 130	20
Trichlorotrifluoroethane	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	93	93	105	94	94	94	94	0.0	70 - 130	20

r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
December 30, 2014

Sample Criteria Exceedences Report

Criteria: None

GBH56257 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

***** No Data to Display *****

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Tuesday, December 30, 2014

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 25 KENT AVE BROOKLYN
Sample ID#s: BH57280 - BH57284

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: AIR
Location Code: EBC
Rush Request: 48 Hour
P.O.#:

Custody Information

Collected by: SUNNY
Received by: SW
Analyzed by: see "By" below

Date Time
12/22/14 11:32
12/23/14 19:00

Laboratory Data

SDG ID: GBH57280
Phoenix ID: BH57280

Project ID: 25 KENT AVE BROOKLYN
Client ID: SG-13

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	12/23/14	KCA	TO15 1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	12/23/14	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	12/23/14	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	12/23/14	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	12/23/14	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	12/23/14	KCA	TO15
1,2,4-Trimethylbenzene	0.410	0.204	2.01	1.00	12/23/14	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	12/23/14	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	12/23/14	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	12/23/14	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	12/23/14	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	12/23/14	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	12/23/14	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	12/23/14	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	12/23/14	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	12/23/14	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	12/23/14	KCA	TO15
Acetone	68.6	0.421	163	1.00	12/23/14	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	12/23/14	KCA	TO15
Benzene	2.84	0.313	9.07	1.00	12/23/14	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	12/23/14	KCA	TO15

Client ID: SG-13

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	12/23/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	12/23/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	12/23/14	KCA	TO15
Carbon Disulfide	4.54	0.321	14.1	1.00	12/23/14	KCA	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	12/23/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	12/23/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	12/23/14	KCA	TO15
Chloroform	ND	0.205	ND	1.00	12/23/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	12/23/14	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	12/23/14	KCA	TO15
Cyclohexane	4.59	0.291	15.8	1.00	12/23/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	12/23/14	KCA	TO15
Dichlorodifluoromethane	0.310	0.202	1.53	1.00	12/23/14	KCA	TO15
Ethanol	9.32	0.531	17.5	1.00	12/23/14	KCA	TO15 1
Ethyl acetate	0.720	0.278	2.59	1.00	12/23/14	KCA	TO15 1
Ethylbenzene	1.01	0.230	4.38	1.00	12/23/14	KCA	TO15
Heptane	5.27	0.244	21.6	1.00	12/23/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	12/23/14	KCA	TO15
Hexane	11.1	0.284	39.1	1.00	12/23/14	KCA	TO15
Isopropylalcohol	6.74	0.407	16.6	1.00	12/23/14	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	12/23/14	KCA	TO15
m,p-Xylene	3.29	0.230	14.3	1.00	12/23/14	KCA	TO15
Methyl Ethyl Ketone	1.56	0.339	4.60	1.00	12/23/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	12/23/14	KCA	TO15
Methylene Chloride	0.740	0.288	2.57	1.00	12/23/14	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
o-Xylene	1.26	0.230	5.47	1.00	12/23/14	KCA	TO15
Propylene	ND	0.581	ND	1.00	12/23/14	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	12/23/14	KCA	TO15
Tetrachloroethene	0.320	0.037	2.17	0.25	12/23/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	12/23/14	KCA	TO15 1
Toluene	6.40	0.266	24.1	1.00	12/23/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	12/23/14	KCA	TO15
Trichloroethene	ND	0.047	ND	0.25	12/23/14	KCA	TO15
Trichlorofluoromethane	0.200	0.178	1.12	1.00	12/23/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	12/23/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	12/23/14	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	99	%	99	%	12/23/14	KCA	70 - 130 %

Client ID: SG-13

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

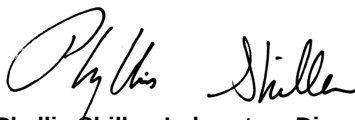
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: AIR
Location Code: EBC
Rush Request: 48 Hour
P.O.#:

Custody Information

Collected by: SUNNY
Received by: SW
Analyzed by: see "By" below

Date

12/22/14 11:17
12/23/14 19:00

Time

Laboratory Data

SDG ID: GBH57280
Phoenix ID: BH57281

Project ID: 25 KENT AVE BROOKLYN
Client ID: SG-8

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
<u>Volatiles (TO15)</u>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	12/23/14	KCA	TO15 1
1,1,1-Trichloroethane	4.54	0.183	24.8	1.00	12/23/14	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	12/23/14	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	12/23/14	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	12/23/14	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	12/23/14	KCA	TO15
1,2,4-Trimethylbenzene	0.440	0.204	2.16	1.00	12/23/14	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	12/23/14	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	12/23/14	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	12/23/14	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	12/23/14	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	12/23/14	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	12/23/14	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	12/23/14	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	12/23/14	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	12/23/14	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	12/23/14	KCA	TO15
Acetone	83.6	0.421	198	1.00	12/23/14	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	12/23/14	KCA	TO15
Benzene	1.12	0.313	3.58	1.00	12/23/14	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	12/23/14	KCA	TO15

Client ID: SG-8

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	12/23/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	12/23/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	12/23/14	KCA	TO15
Carbon Disulfide	7.39	0.321	23.0	1.00	12/23/14	KCA	TO15
Carbon Tetrachloride	0.040	0.040	0.251	0.25	12/23/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	12/23/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	12/23/14	KCA	TO15
Chloroform	ND	0.205	ND	1.00	12/23/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	12/23/14	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	12/23/14	KCA	TO15
Cyclohexane	0.960	0.291	3.30	1.00	12/23/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	12/23/14	KCA	TO15
Dichlorodifluoromethane	0.360	0.202	1.78	1.00	12/23/14	KCA	TO15
Ethanol	10.7	0.531	20.1	1.00	12/23/14	KCA	TO15 1
Ethyl acetate	ND	0.278	ND	1.00	12/23/14	KCA	TO15 1
Ethylbenzene	0.930	0.230	4.04	1.00	12/23/14	KCA	TO15
Heptane	1.38	0.244	5.65	1.00	12/23/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	12/23/14	KCA	TO15
Hexane	1.14	0.284	4.02	1.00	12/23/14	KCA	TO15
Isopropylalcohol	9.69	0.407	23.8	1.00	12/23/14	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	12/23/14	KCA	TO15
m,p-Xylene	3.22	0.230	14.0	1.00	12/23/14	KCA	TO15
Methyl Ethyl Ketone	4.25	0.339	12.5	1.00	12/23/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	12/23/14	KCA	TO15
Methylene Chloride	ND	0.288	ND	1.00	12/23/14	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
o-Xylene	1.24	0.230	5.38	1.00	12/23/14	KCA	TO15
Propylene	ND	0.581	ND	1.00	12/23/14	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	12/23/14	KCA	TO15
Tetrachloroethene	17.5	0.037	119	0.25	12/23/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	12/23/14	KCA	TO15 1
Toluene	4.53	0.266	17.1	1.00	12/23/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	12/23/14	KCA	TO15
Trichloroethene	0.430	0.047	2.31	0.25	12/23/14	KCA	TO15
Trichlorofluoromethane	ND	0.178	ND	1.00	12/23/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	12/23/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	12/23/14	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	97	%	97	%	12/23/14	KCA	70 - 130 %

Client ID: SG-8

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

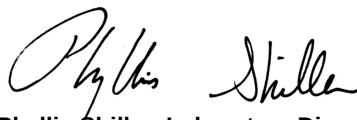
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: AIR
Location Code: EBC
Rush Request: 48 Hour
P.O.#:

Custody Information

Collected by: SUNNY
Received by: SW
Analyzed by: see "By" below

Date Time
12/22/14 11:30
12/23/14 19:00

Laboratory Data

SDG ID: GBH57280
Phoenix ID: BH57282

Project ID: 25 KENT AVE BROOKLYN
Client ID: SG-3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	12/23/14	KCA	TO15	1
1,1,1-Trichloroethane	0.480	0.183	2.62	1.00	12/23/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	12/23/14	KCA	TO15	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	12/23/14	KCA	TO15	
1,1-Dichloroethane	ND	0.247	ND	1.00	12/23/14	KCA	TO15	
1,1-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	12/23/14	KCA	TO15	
1,2,4-Trimethylbenzene	0.470	0.204	2.31	1.00	12/23/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	12/23/14	KCA	TO15	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15	
1,2-Dichloroethane	ND	0.247	ND	1.00	12/23/14	KCA	TO15	
1,2-dichloropropane	ND	0.216	ND	1.00	12/23/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	12/23/14	KCA	TO15	
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	12/23/14	KCA	TO15	
1,3-Butadiene	ND	0.452	ND	1.00	12/23/14	KCA	TO15	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15	
1,4-Dioxane	ND	0.278	ND	1.00	12/23/14	KCA	TO15	
2-Hexanone(MBK)	ND	0.244	ND	1.00	12/23/14	KCA	TO15	1
4-Ethyltoluene	ND	0.204	ND	1.00	12/23/14	KCA	TO15	1
4-Isopropyltoluene	ND	0.182	ND	1.00	12/23/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	12/23/14	KCA	TO15	
Acetone	ND	0.421	ND	1.00	12/23/14	KCA	TO15	
Acrylonitrile	ND	0.461	ND	1.00	12/23/14	KCA	TO15	
Benzene	81.6	0.313	260	1.00	12/23/14	KCA	TO15	
Benzyl chloride	ND	0.193	ND	1.00	12/23/14	KCA	TO15	

Client ID: SG-3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	12/23/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	12/23/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	12/23/14	KCA	TO15
Carbon Disulfide	1.86	0.321	5.79	1.00	12/23/14	KCA	TO15
Carbon Tetrachloride	0.330	0.040	2.07	0.25	12/23/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	12/23/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	12/23/14	KCA	TO15
Chloroform	ND	0.205	ND	1.00	12/23/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	12/23/14	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	12/23/14	KCA	TO15
Cyclohexane	96.6	0.291	332	1.00	12/23/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	12/23/14	KCA	TO15
Dichlorodifluoromethane	0.430	0.202	2.12	1.00	12/23/14	KCA	TO15
Ethanol	8.75	0.531	16.5	1.00	12/23/14	KCA	TO15 1
Ethyl acetate	ND	0.278	ND	1.00	12/23/14	KCA	TO15 1
Ethylbenzene	1.00	0.230	4.34	1.00	12/23/14	KCA	TO15
Heptane	764	0.244	3130	1.00	12/23/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	12/23/14	KCA	TO15
Hexane	439	0.284	1550	1.00	12/23/14	KCA	TO15
Isopropylalcohol	9.06	0.407	22.2	1.00	12/23/14	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	12/23/14	KCA	TO15
m,p-Xylene	3.43	0.230	14.9	1.00	12/23/14	KCA	TO15
Methyl Ethyl Ketone	ND	0.339	ND	1.00	12/23/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	12/23/14	KCA	TO15
Methylene Chloride	1.25	0.288	4.34	1.00	12/23/14	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
o-Xylene	1.42	0.230	6.16	1.00	12/23/14	KCA	TO15
Propylene	ND	0.581	ND	1.00	12/23/14	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	12/23/14	KCA	TO15
Tetrachloroethene	5.48	0.037	37.1	0.25	12/23/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	12/23/14	KCA	TO15 1
Toluene	7.74	0.266	29.2	1.00	12/23/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	12/23/14	KCA	TO15
Trichloroethene	0.220	0.047	1.18	0.25	12/23/14	KCA	TO15
Trichlorofluoromethane	ND	0.178	ND	1.00	12/23/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	12/23/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	12/23/14	KCA	TO15
<u>QA/OC Surrogates</u>							
% Bromofluorobenzene	106	%	106	%	12/23/14	KCA	70 - 130 %

Client ID: SG-3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

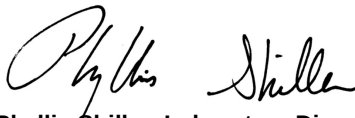
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: AIR
Location Code: EBC
Rush Request: 48 Hour
P.O.#:

Custody Information

Collected by: SUNNY
Received by: SW
Analyzed by: see "By" below

Date

12/22/14 11:55
12/23/14 19:00

Time

Laboratory Data

SDG ID: GBH57280
Phoenix ID: BH57283

Project ID: 25 KENT AVE BROOKLYN
Client ID: SG-4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
<u>Volatiles (TO15)</u>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	12/23/14	KCA	TO15 1
1,1,1-Trichloroethane	19.3	0.183	105	1.00	12/23/14	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	12/23/14	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	12/23/14	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	12/23/14	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	12/23/14	KCA	TO15
1,2,4-Trimethylbenzene	0.430	0.204	2.11	1.00	12/23/14	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	12/23/14	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	12/23/14	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	12/23/14	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	12/23/14	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	12/23/14	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	12/23/14	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	12/23/14	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	12/23/14	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	12/23/14	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	12/23/14	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	12/23/14	KCA	TO15
Acetone	64.3	0.421	153	1.00	12/23/14	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	12/23/14	KCA	TO15
Benzene	2.58	0.313	8.24	1.00	12/23/14	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	12/23/14	KCA	TO15

Client ID: SG-4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	12/23/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	12/23/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	12/23/14	KCA	TO15
Carbon Disulfide	0.570	0.321	1.77	1.00	12/23/14	KCA	TO15
Carbon Tetrachloride	ND	0.040	ND	0.25	12/23/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	12/23/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	12/23/14	KCA	TO15
Chloroform	0.620	0.205	3.02	1.00	12/23/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	12/23/14	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	12/23/14	KCA	TO15
Cyclohexane	1.09	0.291	3.75	1.00	12/23/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	12/23/14	KCA	TO15
Dichlorodifluoromethane	0.380	0.202	1.88	1.00	12/23/14	KCA	TO15
Ethanol	41.7	0.531	78.5	1.00	12/23/14	KCA	TO15 1
Ethyl acetate	0.650	0.278	2.34	1.00	12/23/14	KCA	TO15 1
Ethylbenzene	1.07	0.230	4.64	1.00	12/23/14	KCA	TO15
Heptane	2.75	0.244	11.3	1.00	12/23/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	12/23/14	KCA	TO15
Hexane	3.57	0.284	12.6	1.00	12/23/14	KCA	TO15
Isopropylalcohol	ND	0.407	ND	1.00	12/23/14	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	12/23/14	KCA	TO15
m,p-Xylene	3.56	0.230	15.4	1.00	12/23/14	KCA	TO15
Methyl Ethyl Ketone	1.30	0.339	3.83	1.00	12/23/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	12/23/14	KCA	TO15
Methylene Chloride	ND	0.288	ND	1.00	12/23/14	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
o-Xylene	1.42	0.230	6.16	1.00	12/23/14	KCA	TO15
Propylene	ND	0.581	ND	1.00	12/23/14	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	12/23/14	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	12/23/14	KCA	TO15
Tetrachloroethene	22.3	0.037	151	0.25	12/23/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	12/23/14	KCA	TO15 1
Toluene	6.06	0.266	22.8	1.00	12/23/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	12/23/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	12/23/14	KCA	TO15
Trichloroethene	3.11	0.047	16.7	0.25	12/23/14	KCA	TO15
Trichlorofluoromethane	ND	0.178	ND	1.00	12/23/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	12/23/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	12/23/14	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	95	%	95	%	12/23/14	KCA	70 - 130 %

Client ID: SG-4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

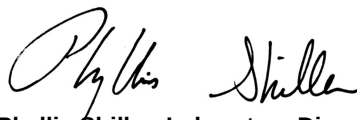
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: AIR
Location Code: EBC
Rush Request: 48 Hour
P.O.#:

Custody Information

Collected by: SUNNY
Received by: SW
Analyzed by: see "By" below

Date

12/22/14 11:53
12/23/14 19:00

Time

Laboratory Data

SDG ID: GBH57280
Phoenix ID: BH57284

Project ID: 25 KENT AVE BROOKLYN
Client ID: SG-G 9

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
<u>Volatiles (TO15)</u>							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	12/24/14	KCA	TO15 1
1,1,1-Trichloroethane	0.340	0.183	1.85	1.00	12/24/14	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	12/24/14	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	12/24/14	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	12/24/14	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	12/24/14	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	12/24/14	KCA	TO15
1,2,4-Trimethylbenzene	0.920	0.204	4.52	1.00	12/24/14	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	12/24/14	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	12/24/14	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	12/24/14	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	12/24/14	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	12/24/14	KCA	TO15
1,3,5-Trimethylbenzene	0.260	0.204	1.28	1.00	12/24/14	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	12/24/14	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	12/24/14	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	12/24/14	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	12/24/14	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	12/24/14	KCA	TO15 1
4-Ethyltoluene	0.240	0.204	1.18	1.00	12/24/14	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	12/24/14	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	12/24/14	KCA	TO15
Acetone	75.8	0.421	180	1.00	12/24/14	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	12/24/14	KCA	TO15
Benzene	8.67	0.313	27.7	1.00	12/24/14	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	12/24/14	KCA	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	ND	1.00	12/24/14	KCA	TO15
Bromoform	ND	0.097	ND	1.00	12/24/14	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	12/24/14	KCA	TO15
Carbon Disulfide	6.59	0.321	20.5	1.00	12/24/14	KCA	TO15
Carbon Tetrachloride	0.080	0.040	0.503	0.25	12/24/14	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	12/24/14	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	12/24/14	KCA	TO15
Chloroform	ND	0.205	ND	1.00	12/24/14	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	12/24/14	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	12/24/14	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	12/24/14	KCA	TO15
Cyclohexane	ND	0.291	ND	1.00	12/24/14	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	12/24/14	KCA	TO15
Dichlorodifluoromethane	0.570	0.202	2.82	1.00	12/24/14	KCA	TO15
Ethanol	38.3	0.531	72.1	1.00	12/24/14	KCA	TO15 1
Ethyl acetate	ND	0.278	ND	1.00	12/24/14	KCA	TO15 1
Ethylbenzene	2.44	0.230	10.6	1.00	12/24/14	KCA	TO15
Heptane	92.2	0.244	378	1.00	12/24/14	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	12/24/14	KCA	TO15
Hexane	280	0.284	986	1.00	12/24/14	KCA	TO15
Isopropylalcohol	15.8	0.407	38.8	1.00	12/24/14	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	12/24/14	KCA	TO15
m,p-Xylene	7.43	0.230	32.2	1.00	12/24/14	KCA	TO15
Methyl Ethyl Ketone	ND	0.339	ND	1.00	12/24/14	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	12/24/14	KCA	TO15
Methylene Chloride	ND	0.288	ND	1.00	12/24/14	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	12/24/14	KCA	TO15 1
o-Xylene	2.73	0.230	11.8	1.00	12/24/14	KCA	TO15
Propylene	ND	0.581	ND	1.00	12/24/14	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	12/24/14	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	12/24/14	KCA	TO15
Tetrachloroethene	10.1	0.037	68.5	0.25	12/24/14	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	12/24/14	KCA	TO15 1
Toluene	24.9	0.266	93.8	1.00	12/24/14	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	12/24/14	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	12/24/14	KCA	TO15
Trichloroethene	ND	0.047	ND	0.25	12/24/14	KCA	TO15
Trichlorofluoromethane	0.340	0.178	1.91	1.00	12/24/14	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	12/24/14	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	12/24/14	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	100	%	100	%	12/24/14	KCA	70 - 130 %

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

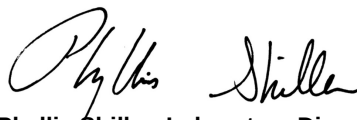
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

December 30, 2014

QA/QC Data

SDG I.D.: GBH57280

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 295720, QC Sample No: BH56257 (BH57280, BH57281, BH57282, BH57283, BH57284)										
Volatiles										
1,1,1,2-Tetrachloroethane	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	84	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	101	2.60	2.55	0.530	0.520	1.9	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	117	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
1,3-Butadiene	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	ND	98	85.7	85.5	36.1	36.0	0.3	70 - 130	20
Acrylonitrile	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	95	3.67	3.64	1.15	1.14	0.9	70 - 130	20
Benzyl chloride	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	96	1.68	1.74	0.540	0.560	3.6	70 - 130	20
Carbon Tetrachloride	ND	ND	107	0.377	0.377	0.060	0.060	0.0	70 - 130	20
Chlorobenzene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	94	1.03	1.03	0.300	0.300	0.0	70 - 130	20
Dibromochloromethane	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	111	1.98	2.12	0.400	0.430	7.2	70 - 130	20
Ethanol	ND	ND	100	27.7	28.2	14.7	15.0	2.0	70 - 130	20

QA/QC Data

SDG I.D.: GBH57280

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	ND	104	1.12	1.15	0.310	0.320	3.2	70 - 130	20
Ethylbenzene	ND	ND	104	4.56	4.47	1.05	1.03	1.9	70 - 130	20
Heptane	ND	ND	103	2.54	2.09	0.620	0.510	19.5	70 - 130	20
Hexachlorobutadiene	ND	ND	73	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	95	2.11	2.68	0.600	0.760	23.5	70 - 130	20
Isopropylalcohol	ND	ND	99	30.5	30.7	12.4	12.5	0.8	70 - 130	20
Isopropylbenzene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	ND	106	15.5	15.2	3.58	3.51	2.0	70 - 130	20
Methyl Ethyl Ketone	ND	ND	74	1.80	1.59	0.610	0.540	12.2	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	85	ND	ND	ND	ND	NC	70 - 130	20
n-Butylbenzene	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	ND	103	5.47	5.34	1.26	1.23	2.4	70 - 130	20
Propylene	ND	ND	118	1.10	1.17	0.640	0.680	6.1	70 - 130	20
sec-Butylbenzene	ND	ND	91	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	105	0.949	0.881	0.140	0.130	7.4	70 - 130	20
Tetrahydrofuran	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	106	13.3	13.4	3.54	3.56	0.6	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	116	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Trichlorofluoromethane	ND	ND	106	1.12	1.12	0.200	0.200	0.0	70 - 130	20
Trichlorotrifluoroethane	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	93	93	105	94	94	94	94	0.0	70 - 130	20

r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
December 30, 2014

Sample Criteria Exceedences Report

Criteria: None

GBH57280 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

***** No Data to Display *****

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Tuesday, December 30, 2014

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 25 KENT AVE BROOKLYN
Sample ID#s: BH57254 - BH57265

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



SDG Comments

December 30, 2014

SDG I.D.: GBH57254

8260 Volatile Organics:

1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/FID method 504 or 8011 to achieve this criteria.

SIM Analysis:

The lowest possible reporting limit under SIM conditions is 0.02 ug/L. The NY TOGS GA criteria for some PAHs is 0.002 ug/L. This level can not be achieved.

8081 Pesticides:

Toxaphene is reported to the lowest possible reporting level. The NY TOGS criteria for this compound can not be achieved.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
Location Code: EBC
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: CU
Received by: SW
Analyzed by: see "By" below

Date Time
12/22/14 8:00
12/23/14 19:00

Laboratory Data

SDG ID: GBH57254
Phoenix ID: BH57254

Project ID: 25 KENT AVE BROOKLYN
Client ID: MW 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.005	mg/L	12/29/14	EK	SW6010
Aluminum (Dissolved)	0.01	B 0.01	0.005	mg/L	12/29/14	EK	SW6010
Arsenic, (Dissolved)	0.002	B* 0.003	0.001	mg/L	12/29/14	EK	SW6010
Barium (Dissolved)	0.116	0.011	0.001	mg/L	12/29/14	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Calcium (Dissolved)	75.5	0.11	0.032	mg/L	12/24/14	EK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	12/29/14	EK	SW6010
Cobalt, (Dissolved)	0.001	B 0.005	0.001	mg/L	12/29/14	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Copper, (Dissolved)	< 0.005	* 0.005	0.001	mg/L	12/29/14	EK	SW6010
Iron, (Dissolved)	3.28	0.01	0.01	mg/L	12/29/14	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	12/24/14	MA	SW7470
Potassium (Dissolved)	22.5	1.1	1.1	mg/L	12/24/14	EK	SW6010
Magnesium (Dissolved)	11.4	0.11	0.011	mg/L	12/24/14	EK	SW6010
Manganese, (Dissolved)	2.24	0.053	0.011	mg/L	12/24/14	EK	SW6010
Sodium (Dissolved)	120	1.1	1.1	mg/L	12/24/14	EK	SW6010
Nickel, (Dissolved)	< 0.004	0.004	0.001	mg/L	12/29/14	EK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	12/29/14	EK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	12/29/14	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.004	mg/L	12/29/14	RS	7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	12/29/14	RS	7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	12/29/14	EK	SW6010
Zinc, (Dissolved)	0.006	B 0.011	0.001	mg/L	12/29/14	EK	SW6010
Filtration	Completed				12/23/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				12/24/14	I/I	SW7470
PCB Extraction (2 Liter)	Completed				12/23/14	LT	SW3510
Extraction for Pest (2 Liter)	Completed				12/23/14	LT	SW3510
Semi-Volatile Extraction	Completed				12/23/14	E/W/K	SW3520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				12/23/14	AG	SW846-3005
<u>Pesticides</u>							
4,4' -DDD	ND	0.012	0.012	ug/L	12/24/14	CE	SW8081
4,4' -DDE	ND	0.012	0.012	ug/L	12/24/14	CE	SW8081
4,4' -DDT	ND	0.012	0.012	ug/L	12/24/14	CE	SW8081
a-BHC	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
a-chlordane	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Alachlor	ND	0.38	0.38	ug/L	12/24/14	CE	SW8081
Aldrin	ND	0.008	0.008	ug/L	12/24/14	CE	SW8081
b-BHC	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Chlordane	ND	0.25	0.25	ug/L	12/24/14	CE	SW8081
d-BHC	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Dieldrin	0.065	0.008	0.008	ug/L	12/24/14	CE	SW8081
Endosulfan I	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endosulfan II	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endosulfan Sulfate	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endrin	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Endrin Aldehyde	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endrin ketone	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
g-BHC (Lindane)	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
g-chlordane	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Heptachlor	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Heptachlor epoxide	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Methoxychlor	ND	0.50	0.50	ug/L	12/24/14	CE	SW8081
Toxaphene	ND	1.3	1.3	ug/L	12/24/14	CE	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	Diluted Out			%	12/24/14	CE	SW8081
%TCMX (Surrogate Rec)	Diluted Out			%	12/24/14	CE	SW8081
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1260	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
<u>QA/QC Surrogates</u>							
% DCBP	68			%	12/26/14	KCA	30 - 150 %
% TCMX	65			%	12/26/14	KCA	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	2.0	0.38	ug/L	12/24/14	RM	SW8260
1,1,1-Trichloroethane	ND	5.0	0.38	ug/L	12/24/14	RM	SW8260
1,1,2,2-Tetrachloroethane	ND	2.0	0.30	ug/L	12/24/14	RM	SW8260
1,1,2-Trichloroethane	ND	1.0	0.40	ug/L	12/24/14	RM	SW8260
1,1-Dichloroethane	ND	5.0	0.46	ug/L	12/24/14	RM	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	2.0	0.48	ug/L	12/24/14	RM	SW8260	
1,1-Dichloropropene	ND	2.0	0.40	ug/L	12/24/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND	2.0	0.40	ug/L	12/24/14	RM	SW8260	B
1,2,3-Trichloropropane	ND	1.0	0.42	ug/L	12/24/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND	2.0	0.36	ug/L	12/24/14	RM	SW8260	B
1,2,4-Trimethylbenzene	7.8	2.0	0.36	ug/L	12/24/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	0.72	ug/L	12/24/14	RM	SW8260	
1,2-Dibromoethane	ND	1.0	0.40	ug/L	12/24/14	RM	SW8260	
1,2-Dichlorobenzene	ND	2.0	0.32	ug/L	12/24/14	RM	SW8260	
1,2-Dichloroethane	ND	0.60	0.40	ug/L	12/24/14	RM	SW8260	
1,2-Dichloropropane	ND	1.0	0.36	ug/L	12/24/14	RM	SW8260	
1,3,5-Trimethylbenzene	1.6	J 2.0	0.42	ug/L	12/24/14	RM	SW8260	
1,3-Dichlorobenzene	ND	2.0	0.38	ug/L	12/24/14	RM	SW8260	
1,3-Dichloropropane	ND	2.0	0.44	ug/L	12/24/14	RM	SW8260	
1,4-Dichlorobenzene	ND	2.0	0.38	ug/L	12/24/14	RM	SW8260	
2,2-Dichloropropane	ND	2.0	0.32	ug/L	12/24/14	RM	SW8260	
2-Chlorotoluene	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260	
2-Hexanone	ND	2.0	0.54	ug/L	12/24/14	RM	SW8260	
2-Isopropyltoluene	34	2.0	0.42	ug/L	12/24/14	RM	SW8260	1
4-Chlorotoluene	ND	2.0	0.32	ug/L	12/24/14	RM	SW8260	
4-Methyl-2-pentanone	ND	2.0	0.38	ug/L	12/24/14	RM	SW8260	
Acetone	4.7	JS 10	0.62	ug/L	12/24/14	RM	SW8260	
Acrolein	ND	5.0	1.9	ug/L	12/24/14	RM	SW8260	
Acrylonitrile	ND	5.0	0.34	ug/L	12/24/14	RM	SW8260	
Benzene	ND	0.70	0.38	ug/L	12/24/14	RM	SW8260	
Bromobenzene	ND	2.0	0.40	ug/L	12/24/14	RM	SW8260	
Bromochloromethane	ND	2.0	0.44	ug/L	12/24/14	RM	SW8260	
Bromodichloromethane	ND	2.0	0.32	ug/L	12/24/14	RM	SW8260	
Bromoform	ND	10	0.20	ug/L	12/24/14	RM	SW8260	
Bromomethane	ND	5.0	1.0	ug/L	12/24/14	RM	SW8260	
Carbon Disulfide	ND	2.0	0.48	ug/L	12/24/14	RM	SW8260	
Carbon tetrachloride	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260	
Chlorobenzene	ND	5.0	0.40	ug/L	12/24/14	RM	SW8260	
Chloroethane	ND	5.0	0.48	ug/L	12/24/14	RM	SW8260	
Chloroform	ND	5.0	0.44	ug/L	12/24/14	RM	SW8260	
Chloromethane	0.44	J 5.0	0.42	ug/L	12/24/14	RM	SW8260	
cis-1,2-Dichloroethene	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260	
cis-1,3-Dichloropropene	ND	0.40	0.30	ug/L	12/24/14	RM	SW8260	
Dibromochloromethane	ND	2.0	0.30	ug/L	12/24/14	RM	SW8260	
Dibromomethane	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260	
Dichlorodifluoromethane	ND	2.0	0.52	ug/L	12/24/14	RM	SW8260	
Ethylbenzene	ND	2.0	0.38	ug/L	12/24/14	RM	SW8260	
Hexachlorobutadiene	ND	0.50	0.26	ug/L	12/24/14	RM	SW8260	
Isopropylbenzene	11	2.0	0.44	ug/L	12/24/14	RM	SW8260	
m&p-Xylene	ND	2.0	0.84	ug/L	12/24/14	RM	SW8260	
Methyl ethyl ketone	ND	2.0	1.0	ug/L	12/24/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	6.0	2.0	0.38	ug/L	12/24/14	RM	SW8260	
Methylene chloride	0.54	JS 5.0	0.32	ug/L	12/24/14	RM	SW8260	
Naphthalene	1.7	J 2.0	0.38	ug/L	12/24/14	RM	SW8260	B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Butylbenzene	0.74	J 2.0	0.44	ug/L	12/24/14	RM	SW8260
n-Propylbenzene	9.7	2.0	0.40	ug/L	12/24/14	RM	SW8260
o-Xylene	ND	2.0	0.90	ug/L	12/24/14	RM	SW8260
p-Isopropyltoluene	ND	2.0	0.42	ug/L	12/24/14	RM	SW8260
sec-Butylbenzene	3.0	2.0	0.44	ug/L	12/24/14	RM	SW8260
Styrene	ND	2.0	0.82	ug/L	12/24/14	RM	SW8260
tert-Butylbenzene	1.6	J 2.0	0.46	ug/L	12/24/14	RM	SW8260
Tetrachloroethene	ND	2.0	0.48	ug/L	12/24/14	RM	SW8260
Tetrahydrofuran (THF)	ND	10	1.0	ug/L	12/24/14	RM	SW8260
Toluene	ND	2.0	0.40	ug/L	12/24/14	RM	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.40	ug/L	12/24/14	RM	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.28	ug/L	12/24/14	RM	SW8260
trans-1,4-dichloro-2-butene	ND	2.0	0.90	ug/L	12/24/14	RM	SW8260
Trichloroethene	ND	2.0	0.36	ug/L	12/24/14	RM	SW8260
Trichlorofluoromethane	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260
Trichlorotrifluoroethane	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260
Vinyl chloride	ND	2.0	0.28	ug/L	12/24/14	RM	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	97			%	12/24/14	RM	70 - 121 %
% Bromofluorobenzene	101			%	12/24/14	RM	59 - 113 %
% Dibromofluoromethane	88			%	12/24/14	RM	70 - 130 %
% Toluene-d8	98			%	12/24/14	RM	84 - 138 %

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	12/29/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
2-Chlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2-Nitroaniline	ND	5.0	5.0	ug/L	12/29/14	DD	SW 8270
2-Nitrophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	12/29/14	DD	SW 8270
3-Nitroaniline	ND	5.0	5.0	ug/L	12/29/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
4-Chloroaniline	ND	3.5	2.3	ug/L	12/29/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Aniline	ND	3.5	5.0	ug/L	12/29/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Benzidine	ND	4.5	2.9	ug/L	12/29/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	12/29/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	12/29/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	12/29/14	DD	SW 8270
Phenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	12/29/14	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	93			%	12/29/14	DD	19 - 122 %
% 2-Fluorobiphenyl	78			%	12/29/14	DD	30 - 115 %
% 2-Fluorophenol	57			%	12/29/14	DD	25 - 121 %
% Nitrobenzene-d5	75			%	12/29/14	DD	23 - 120 %
% Phenol-d5	65			%	12/29/14	DD	24 - 113 %
% Terphenyl-d14	72			%	12/29/14	DD	18 - 137 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	12/29/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	12/29/14	DD	SW8270 (SIM)
Benz(a)anthracene	0.03	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	0.02	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	12/29/14	DD	SW8270 (SIM)
Chrysene	ND	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	12/29/14	DD	SW8270 (SIM)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachloroethane	ND	0.50	0.50	ug/L	12/29/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	12/29/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	12/29/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	12/29/14	DD	SW8270 (SIM)
Phenanthrene	0.17	0.10	0.10	ug/L	12/29/14	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	130			%	12/29/14	DD	15 - 110 % ³
% 2-Fluorobiphenyl	78			%	12/29/14	DD	30 - 115 %
% 2-Fluorophenol	85			%	12/29/14	DD	15 - 110 %
% Nitrobenzene-d5	102			%	12/29/14	DD	23 - 120 %
% Phenol-d5	87			%	12/29/14	DD	15 - 110 %
% Terphenyl-d14	98			%	12/29/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

B* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

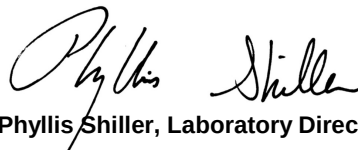
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Pesticide Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
Location Code: EBC
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: CU
Received by: SW
Analyzed by: see "By" below

Date Time
12/22/14 8:20
12/23/14 19:00

Laboratory Data

SDG ID: GBH57254
Phoenix ID: BH57255

Project ID: 25 KENT AVE BROOKLYN
Client ID: MW 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.005	mg/L	12/29/14	EK	SW6010
Aluminum (Dissolved)	0.10	0.01	0.005	mg/L	12/29/14	EK	SW6010
Arsenic, (Dissolved)	< 0.003	* 0.003	0.001	mg/L	12/29/14	EK	SW6010
Barium (Dissolved)	0.377	0.011	0.001	mg/L	12/29/14	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Calcium (Dissolved)	259	0.11	0.032	mg/L	12/24/14	EK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	12/29/14	EK	SW6010
Cobalt, (Dissolved)	0.004	B 0.005	0.001	mg/L	12/29/14	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Copper, (Dissolved)	0.002	B* 0.005	0.001	mg/L	12/29/14	EK	SW6010
Iron, (Dissolved)	0.95	0.01	0.01	mg/L	12/29/14	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	12/24/14	MA	SW7470
Potassium (Dissolved)	38.0	1.1	1.1	mg/L	12/24/14	EK	SW6010
Magnesium (Dissolved)	34.6	0.11	0.011	mg/L	12/24/14	EK	SW6010
Manganese, (Dissolved)	15.0	0.053	0.011	mg/L	12/24/14	EK	SW6010
Sodium (Dissolved)	263	1.1	1.1	mg/L	12/24/14	EK	SW6010
Nickel, (Dissolved)	0.004	B 0.004	0.001	mg/L	12/29/14	EK	SW6010
Lead (Dissolved)	0.002	B 0.002	0.001	mg/L	12/29/14	EK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	12/29/14	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.004	mg/L	12/29/14	RS	7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	12/29/14	RS	7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	12/29/14	EK	SW6010
Zinc, (Dissolved)	0.003	B 0.011	0.001	mg/L	12/29/14	EK	SW6010
Filtration	Completed				12/23/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				12/24/14	I/I	SW7470
PCB Extraction (2 Liter)	Completed				12/23/14	LT	SW3510
Extraction for Pest (2 Liter)	Completed				12/23/14	LT	SW3510
Semi-Volatile Extraction	Completed				12/23/14	E/W/K	SW3520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				12/23/14	AG	SW846-3005
<u>Pesticides</u>							
4,4' -DDD	ND	0.012	0.012	ug/L	12/24/14	CE	SW8081
4,4' -DDE	ND	0.012	0.012	ug/L	12/24/14	CE	SW8081
4,4' -DDT	ND	0.012	0.012	ug/L	12/24/14	CE	SW8081
a-BHC	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
a-chlordane	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Alachlor	ND	0.38	0.38	ug/L	12/24/14	CE	SW8081
Aldrin	ND	0.008	0.008	ug/L	12/24/14	CE	SW8081
b-BHC	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Chlordane	ND	0.25	0.25	ug/L	12/24/14	CE	SW8081
d-BHC	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Dieldrin	ND	0.008	0.008	ug/L	12/24/14	CE	SW8081
Endosulfan I	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endosulfan II	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endosulfan Sulfate	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endrin	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Endrin Aldehyde	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endrin ketone	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
g-BHC (Lindane)	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
g-chlordane	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Heptachlor	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Heptachlor epoxide	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Methoxychlor	ND	0.50	0.50	ug/L	12/24/14	CE	SW8081
Toxaphene	ND	1.3	1.3	ug/L	12/24/14	CE	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	Diluted Out			%	12/24/14	CE	SW8081
%TCMX (Surrogate Rec)	Diluted Out			%	12/24/14	CE	SW8081
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1260	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
<u>QA/QC Surrogates</u>							
% DCBP	69			%	12/26/14	KCA	30 - 150 %
% TCMX	61			%	12/26/14	KCA	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	12/24/14	RM	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	12/24/14	RM	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	12/24/14	RM	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	1.0	0.24	ug/L	12/24/14	RM	SW8260	
1,1-Dichloropropene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260	B
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	12/24/14	RM	SW8260	B
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	12/24/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	12/24/14	RM	SW8260	
1,2-Dibromoethane	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260	
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	12/24/14	RM	SW8260	
1,2-Dichloroethane	ND	0.60	0.20	ug/L	12/24/14	RM	SW8260	
1,2-Dichloropropane	ND	1.0	0.18	ug/L	12/24/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260	
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260	
1,3-Dichloropropane	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260	
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260	
2,2-Dichloropropane	ND	1.0	0.16	ug/L	12/24/14	RM	SW8260	
2-Chlorotoluene	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260	
2-Hexanone	ND	1.0	0.27	ug/L	12/24/14	RM	SW8260	
2-Isopropyltoluene	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260	1
4-Chlorotoluene	ND	1.0	0.16	ug/L	12/24/14	RM	SW8260	
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260	
Acetone	1.7	JS 5.0	0.31	ug/L	12/24/14	RM	SW8260	
Acrolein	ND	5.0	0.95	ug/L	12/24/14	RM	SW8260	
Acrylonitrile	ND	5.0	0.17	ug/L	12/24/14	RM	SW8260	
Benzene	ND	0.70	0.19	ug/L	12/24/14	RM	SW8260	
Bromobenzene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260	
Bromochloromethane	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260	
Bromodichloromethane	ND	1.0	0.16	ug/L	12/24/14	RM	SW8260	
Bromoform	ND	5.0	0.10	ug/L	12/24/14	RM	SW8260	
Bromomethane	ND	5.0	0.50	ug/L	12/24/14	RM	SW8260	
Carbon Disulfide	ND	1.0	0.24	ug/L	12/24/14	RM	SW8260	
Carbon tetrachloride	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260	
Chlorobenzene	ND	5.0	0.20	ug/L	12/24/14	RM	SW8260	
Chloroethane	ND	5.0	0.24	ug/L	12/24/14	RM	SW8260	
Chloroform	ND	5.0	0.22	ug/L	12/24/14	RM	SW8260	
Chloromethane	0.51	J 5.0	0.21	ug/L	12/24/14	RM	SW8260	
cis-1,2-Dichloroethene	0.26	J 1.0	0.23	ug/L	12/24/14	RM	SW8260	
cis-1,3-Dichloropropene	ND	0.40	0.15	ug/L	12/24/14	RM	SW8260	
Dibromochloromethane	ND	1.0	0.15	ug/L	12/24/14	RM	SW8260	
Dibromomethane	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260	
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	12/24/14	RM	SW8260	
Ethylbenzene	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260	
Hexachlorobutadiene	ND	0.50	0.13	ug/L	12/24/14	RM	SW8260	
Isopropylbenzene	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260	
m&p-Xylene	ND	1.0	0.42	ug/L	12/24/14	RM	SW8260	
Methyl ethyl ketone	ND	1.0	0.50	ug/L	12/24/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	2.2	1.0	0.19	ug/L	12/24/14	RM	SW8260	
Methylene chloride	ND	3.0	0.16	ug/L	12/24/14	RM	SW8260	
Naphthalene	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260	B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Butylbenzene	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
o-Xylene	ND	1.0	0.45	ug/L	12/24/14	RM	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260
Styrene	ND	1.0	0.41	ug/L	12/24/14	RM	SW8260
tert-Butylbenzene	0.90	J 1.0	0.23	ug/L	12/24/14	RM	SW8260
Tetrachloroethene	ND	1.0	0.24	ug/L	12/24/14	RM	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	12/24/14	RM	SW8260
Toluene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	12/24/14	RM	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	12/24/14	RM	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	12/24/14	RM	SW8260
Trichloroethene	ND	1.0	0.18	ug/L	12/24/14	RM	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	12/24/14	RM	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100			%	12/24/14	RM	70 - 121 %
% Bromofluorobenzene	105			%	12/24/14	RM	59 - 113 %
% Dibromofluoromethane	97			%	12/24/14	RM	70 - 130 %
% Toluene-d8	98			%	12/24/14	RM	84 - 138 %

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	12/29/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
2-Chlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2-Nitroaniline	ND	5.0	5.0	ug/L	12/29/14	DD	SW 8270
2-Nitrophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	12/29/14	DD	SW 8270
3-Nitroaniline	ND	5.0	5.0	ug/L	12/29/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
4-Chloroaniline	ND	3.5	2.3	ug/L	12/29/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Aniline	ND	3.5	5.0	ug/L	12/29/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Benzidine	ND	4.5	2.9	ug/L	12/29/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	12/29/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	12/29/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	12/29/14	DD	SW 8270
Phenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	12/29/14	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	95			%	12/29/14	DD	19 - 122 %
% 2-Fluorobiphenyl	74			%	12/29/14	DD	30 - 115 %
% 2-Fluorophenol	50			%	12/29/14	DD	25 - 121 %
% Nitrobenzene-d5	70			%	12/29/14	DD	23 - 120 %
% Phenol-d5	55			%	12/29/14	DD	24 - 113 %
% Terphenyl-d14	72			%	12/29/14	DD	18 - 137 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	12/30/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	12/30/14	DD	SW8270 (SIM)
Benz(a)anthracene	0.03	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	12/30/14	DD	SW8270 (SIM)
Chrysene	ND	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	12/30/14	DD	SW8270 (SIM)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachloroethane	ND	0.50	0.50	ug/L	12/30/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	12/30/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	12/30/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	12/30/14	DD	SW8270 (SIM)
Phenanthrene	0.10	0.10	0.10	ug/L	12/30/14	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	152			%	12/30/14	DD	15 - 110 % ³
% 2-Fluorobiphenyl	102			%	12/30/14	DD	30 - 115 %
% 2-Fluorophenol	76			%	12/30/14	DD	15 - 110 %
% Nitrobenzene-d5	102			%	12/30/14	DD	23 - 120 %
% Phenol-d5	87			%	12/30/14	DD	15 - 110 %
% Terphenyl-d14	115			%	12/30/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Pesticide Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

Semi-Volatile Comment:

One of the surrogate recoveries was above the upper range due to sample matrix interference. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
Location Code: EBC
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: CU
Received by: SW
Analyzed by: see "By" below

Date

12/22/14 9:00
12/23/14 19:00

Time

Laboratory Data

SDG ID: GBH57254
Phoenix ID: BH57256

Project ID: 25 KENT AVE BROOKLYN
Client ID: MW 4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.005	mg/L	12/29/14	EK	SW6010
Aluminum (Dissolved)	0.06	0.01	0.005	mg/L	12/29/14	EK	SW6010
Arsenic, (Dissolved)	< 0.003	* 0.003	0.001	mg/L	12/29/14	EK	SW6010
Barium (Dissolved)	0.079	0.011	0.001	mg/L	12/29/14	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Calcium (Dissolved)	238	0.11	0.032	mg/L	12/24/14	EK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	12/29/14	EK	SW6010
Cobalt, (Dissolved)	0.007	0.005	0.001	mg/L	12/29/14	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Copper, (Dissolved)	< 0.005	* 0.005	0.001	mg/L	12/29/14	EK	SW6010
Iron, (Dissolved)	0.37	0.01	0.01	mg/L	12/29/14	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	12/24/14	MA	SW7470
Potassium (Dissolved)	38.8	1.1	1.1	mg/L	12/24/14	EK	SW6010
Magnesium (Dissolved)	29.7	0.11	0.011	mg/L	12/24/14	EK	SW6010
Manganese, (Dissolved)	2.29	0.053	0.011	mg/L	12/24/14	EK	SW6010
Sodium (Dissolved)	94.4	1.1	1.1	mg/L	12/24/14	EK	SW6010
Nickel, (Dissolved)	0.004	B 0.004	0.001	mg/L	12/29/14	EK	SW6010
Lead (Dissolved)	0.002	B 0.002	0.001	mg/L	12/29/14	EK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	12/29/14	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.004	mg/L	12/29/14	RS	7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	12/29/14	RS	7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	12/29/14	EK	SW6010
Zinc, (Dissolved)	0.006	B 0.011	0.001	mg/L	12/29/14	EK	SW6010
Filtration	Completed				12/23/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				12/24/14	I/I	SW7470
PCB Extraction (2 Liter)	Completed				12/23/14	LT	SW3510
Extraction for Pest (2 Liter)	Completed				12/23/14	LT	SW3510
Semi-Volatile Extraction	Completed				12/23/14	E/W/K	SW3520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				12/23/14	AG	SW846-3005
<u>Pesticides</u>							
4,4' -DDD	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
4,4' -DDE	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
4,4' -DDT	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
a-BHC	ND	0.005	0.005	ug/L	12/26/14	CE	SW8081
a-chlordane	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
Alachlor	ND	0.075	0.075	ug/L	12/26/14	CE	SW8081
Aldrin	ND	0.004	0.004	ug/L	12/26/14	CE	SW8081
b-BHC	ND	0.005	0.005	ug/L	12/26/14	CE	SW8081
Chlordane	ND	0.050	0.050	ug/L	12/26/14	CE	SW8081
d-BHC	ND	0.005	0.005	ug/L	12/26/14	CE	SW8081
Dieldrin	ND	0.004	0.004	ug/L	12/26/14	CE	SW8081
Endosulfan I	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
Endosulfan II	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
Endosulfan Sulfate	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
Endrin	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
Endrin Aldehyde	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
Endrin ketone	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
g-BHC (Lindane)	ND	0.005	0.005	ug/L	12/26/14	CE	SW8081
g-chlordane	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
Heptachlor	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
Heptachlor epoxide	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
Methoxychlor	ND	0.10	0.10	ug/L	12/26/14	CE	SW8081
Toxaphene	ND	0.25	0.25	ug/L	12/26/14	CE	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	53			%	12/26/14	CE	SW8081
%TCMX (Surrogate Rec)	57			%	12/26/14	CE	SW8081
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1260	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
<u>QA/QC Surrogates</u>							
% DCBP	62			%	12/26/14	KCA	30 - 150 %
% TCMX	56			%	12/26/14	KCA	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	12/24/14	RM	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	12/24/14	RM	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	12/24/14	RM	SW8260

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloroethene	0.26	J	1.0	0.24	ug/L	12/24/14	RM	SW8260
1,1-Dichloropropene	ND		1.0	0.20	ug/L	12/24/14	RM	SW8260
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L	12/24/14	RM	SW8260
1,2,3-Trichloropropane	ND		1.0	0.21	ug/L	12/24/14	RM	SW8260
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L	12/24/14	RM	SW8260
1,2,4-Trimethylbenzene	ND		1.0	0.18	ug/L	12/24/14	RM	SW8260
1,2-Dibromo-3-chloropropane	ND		1.0	0.36	ug/L	12/24/14	RM	SW8260
1,2-Dibromoethane	ND		1.0	0.20	ug/L	12/24/14	RM	SW8260
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L	12/24/14	RM	SW8260
1,2-Dichloroethane	ND		0.60	0.20	ug/L	12/24/14	RM	SW8260
1,2-Dichloropropane	ND		1.0	0.18	ug/L	12/24/14	RM	SW8260
1,3,5-Trimethylbenzene	ND		1.0	0.21	ug/L	12/24/14	RM	SW8260
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L	12/24/14	RM	SW8260
1,3-Dichloropropane	ND		1.0	0.22	ug/L	12/24/14	RM	SW8260
1,4-Dichlorobenzene	ND		1.0	0.19	ug/L	12/24/14	RM	SW8260
2,2-Dichloropropane	ND		1.0	0.16	ug/L	12/24/14	RM	SW8260
2-Chlorotoluene	ND		1.0	0.23	ug/L	12/24/14	RM	SW8260
2-Hexanone	ND		1.0	0.27	ug/L	12/24/14	RM	SW8260
2-Isopropyltoluene	ND		1.0	0.21	ug/L	12/24/14	RM	SW8260
4-Chlorotoluene	ND		1.0	0.16	ug/L	12/24/14	RM	SW8260
4-Methyl-2-pentanone	ND		1.0	0.19	ug/L	12/24/14	RM	SW8260
Acetone	2.1	JS	5.0	0.31	ug/L	12/24/14	RM	SW8260
Acrolein	ND		5.0	0.95	ug/L	12/24/14	RM	SW8260
Acrylonitrile	ND		5.0	0.17	ug/L	12/24/14	RM	SW8260
Benzene	0.50	J	0.70	0.19	ug/L	12/24/14	RM	SW8260
Bromobenzene	ND		1.0	0.20	ug/L	12/24/14	RM	SW8260
Bromochloromethane	ND		1.0	0.22	ug/L	12/24/14	RM	SW8260
Bromodichloromethane	ND		1.0	0.16	ug/L	12/24/14	RM	SW8260
Bromoform	ND		5.0	0.10	ug/L	12/24/14	RM	SW8260
Bromomethane	ND		5.0	0.50	ug/L	12/24/14	RM	SW8260
Carbon Disulfide	ND		1.0	0.24	ug/L	12/24/14	RM	SW8260
Carbon tetrachloride	ND		1.0	0.23	ug/L	12/24/14	RM	SW8260
Chlorobenzene	ND		5.0	0.20	ug/L	12/24/14	RM	SW8260
Chloroethane	ND		5.0	0.24	ug/L	12/24/14	RM	SW8260
Chloroform	ND		5.0	0.22	ug/L	12/24/14	RM	SW8260
Chloromethane	0.58	J	5.0	0.21	ug/L	12/24/14	RM	SW8260
cis-1,2-Dichloroethene	0.62	J	1.0	0.23	ug/L	12/24/14	RM	SW8260
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	12/24/14	RM	SW8260
Dibromochloromethane	ND		1.0	0.15	ug/L	12/24/14	RM	SW8260
Dibromomethane	ND		1.0	0.23	ug/L	12/24/14	RM	SW8260
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	12/24/14	RM	SW8260
Ethylbenzene	ND		1.0	0.19	ug/L	12/24/14	RM	SW8260
Hexachlorobutadiene	ND		0.50	0.13	ug/L	12/24/14	RM	SW8260
Isopropylbenzene	ND		1.0	0.22	ug/L	12/24/14	RM	SW8260
m&p-Xylene	ND		1.0	0.42	ug/L	12/24/14	RM	SW8260
Methyl ethyl ketone	ND		1.0	0.50	ug/L	12/24/14	RM	SW8260
Methyl t-butyl ether (MTBE)	0.45	J	1.0	0.19	ug/L	12/24/14	RM	SW8260
Methylene chloride	ND		3.0	0.16	ug/L	12/24/14	RM	SW8260
Naphthalene	ND		1.0	0.19	ug/L	12/24/14	RM	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Butylbenzene	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
o-Xylene	ND	1.0	0.45	ug/L	12/24/14	RM	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260
Styrene	ND	1.0	0.41	ug/L	12/24/14	RM	SW8260
tert-Butylbenzene	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
Tetrachloroethene	1.9	1.0	0.24	ug/L	12/24/14	RM	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	12/24/14	RM	SW8260
Toluene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	12/24/14	RM	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	12/24/14	RM	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	12/24/14	RM	SW8260
Trichloroethene	1.9	1.0	0.18	ug/L	12/24/14	RM	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
Vinyl chloride	0.15	J 1.0	0.14	ug/L	12/24/14	RM	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101			%	12/24/14	RM	70 - 121 %
% Bromofluorobenzene	102			%	12/24/14	RM	59 - 113 %
% Dibromofluoromethane	98			%	12/24/14	RM	70 - 130 %
% Toluene-d8	99			%	12/24/14	RM	84 - 138 %

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	12/29/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
2-Chlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2-Nitroaniline	ND	5.0	5.0	ug/L	12/29/14	DD	SW 8270
2-Nitrophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	12/29/14	DD	SW 8270
3-Nitroaniline	ND	5.0	5.0	ug/L	12/29/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
4-Chloroaniline	ND	3.5	2.3	ug/L	12/29/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Aniline	ND	3.5	5.0	ug/L	12/29/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Benzidine	ND	4.5	2.9	ug/L	12/29/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	12/29/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	12/29/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	12/29/14	DD	SW 8270
Phenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	12/29/14	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	90			%	12/29/14	DD	19 - 122 %
% 2-Fluorobiphenyl	74			%	12/29/14	DD	30 - 115 %
% 2-Fluorophenol	52			%	12/29/14	DD	25 - 121 %
% Nitrobenzene-d5	67			%	12/29/14	DD	23 - 120 %
% Phenol-d5	60			%	12/29/14	DD	24 - 113 %
% Terphenyl-d14	53			%	12/29/14	DD	18 - 137 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	12/30/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	12/30/14	DD	SW8270 (SIM)
Benz(a)anthracene	0.24	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Benzo(a)pyrene	0.21	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	0.30	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	0.12	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	0.12	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	12/30/14	DD	SW8270 (SIM)
Chrysene	0.23	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	0.03	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	12/30/14	DD	SW8270 (SIM)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachloroethane	ND	0.50	0.50	ug/L	12/30/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	0.11	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	12/30/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	12/30/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	12/30/14	DD	SW8270 (SIM)
Phenanthrene	0.85	0.10	0.10	ug/L	12/30/14	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	148			%	12/30/14	DD	15 - 110 %
% 2-Fluorobiphenyl	106			%	12/30/14	DD	30 - 115 %
% 2-Fluorophenol	82			%	12/30/14	DD	15 - 110 %
% Nitrobenzene-d5	101			%	12/30/14	DD	23 - 120 %
% Phenol-d5	94			%	12/30/14	DD	15 - 110 %
% Terphenyl-d14	95			%	12/30/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Pesticide Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

Semi-Volatile Comment:

One of the surrogate recoveries was above the upper range due to sample matrix interference. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
Location Code: EBC
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: CU
Received by: SW
Analyzed by: see "By" below

Date

12/22/14 9:30
12/23/14 19:00

Time

Laboratory Data

SDG ID: GBH57254
Phoenix ID: BH57257

Project ID: 25 KENT AVE BROOKLYN
Client ID: MW 7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.005	mg/L	12/29/14	EK	SW6010
Aluminum (Dissolved)	0.03	0.01	0.005	mg/L	12/29/14	EK	SW6010
Arsenic, (Dissolved)	0.003 B*	0.003	0.001	mg/L	12/29/14	EK	SW6010
Barium (Dissolved)	0.203	0.011	0.001	mg/L	12/29/14	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Calcium (Dissolved)	184	0.11	0.032	mg/L	12/24/14	EK	SW6010 B
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	12/29/14	EK	SW6010
Cobalt, (Dissolved)	0.003 B	0.005	0.001	mg/L	12/29/14	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Copper, (Dissolved)	< 0.005 *	0.005	0.001	mg/L	12/29/14	EK	SW6010
Iron, (Dissolved)	0.15	0.01	0.01	mg/L	12/29/14	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	12/24/14	MA	SW7470
Potassium (Dissolved)	23.1	1.1	1.1	mg/L	12/24/14	EK	SW6010
Magnesium (Dissolved)	24.0	0.11	0.011	mg/L	12/24/14	EK	SW6010
Manganese, (Dissolved)	2.26	0.053	0.011	mg/L	12/24/14	EK	SW6010
Sodium (Dissolved)	161	1.1	1.1	mg/L	12/24/14	EK	SW6010
Nickel, (Dissolved)	0.002 B	0.004	0.001	mg/L	12/29/14	EK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	12/29/14	EK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	12/29/14	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.004	mg/L	12/29/14	RS	7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	12/29/14	RS	7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	12/29/14	EK	SW6010
Zinc, (Dissolved)	0.011	0.011	0.001	mg/L	12/29/14	EK	SW6010
Mercury MS/MSD	Completed				12/30/14	RS	SW-7471 1
QC for Mercury	Completed				12/29/14		
QC for ICP	Completed				12/23/14		SW6010
Filtration	Completed				12/23/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				12/24/14	I/I	SW7470

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
MS/MSD Ext. For PCB	Completed				12/24/14		
MS/MSD Ext. for Pesticide	Completed				12/24/14		
PCB Extraction (2 Liter)	Completed				12/23/14	LT	SW3510
Extraction for Pest (2 Liter)	Completed				12/23/14	LT	SW3510
Semi-Volatile Extraction	Completed				12/23/14	E/W/K	SW3520
MS/MSD Ext. for Semi-Vol.	Completed				12/28/14		
Dissolved Metals Preparation	Completed				12/23/14	AG	SW846-3005
Metals Digest MS/MSD	Completed				12/23/14		

Pesticides

4,4' -DDD	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
4,4' -DDE	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
4,4' -DDT	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
a-BHC	ND	0.005	0.005	ug/L	12/24/14	CE	SW8081
a-chlordane	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
Alachlor	ND	0.075	0.075	ug/L	12/24/14	CE	SW8081
Aldrin	ND	0.002	0.002	ug/L	12/24/14	CE	SW8081
b-BHC	ND	0.005	0.005	ug/L	12/24/14	CE	SW8081
Chlordane	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
d-BHC	ND	0.005	0.005	ug/L	12/24/14	CE	SW8081
Dieldrin	ND	0.005	0.005	ug/L	12/24/14	CE	SW8081
Endosulfan I	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
Endosulfan II	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
Endosulfan Sulfate	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
Endrin	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
Endrin Aldehyde	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
Endrin ketone	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
g-BHC (Lindane)	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
g-chlordane	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
Heptachlor	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
Heptachlor epoxide	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
Methoxychlor	ND	0.10	0.10	ug/L	12/24/14	CE	SW8081
Toxaphene	ND	0.25	0.25	ug/L	12/24/14	CE	SW8081

QA/QC Surrogates

%DCBP (Surrogate Rec)	56			%	12/24/14	CE	SW8081
%TCMX (Surrogate Rec)	61			%	12/24/14	CE	SW8081

Polychlorinated Biphenyls

PCB-1016	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1260	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082

QA/QC Surrogates

% DCBP	67			%	12/26/14	KCA	30 - 150 %
% TCMX	59			%	12/26/14	KCA	30 - 150 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
QC for PCB					12/24/14	AW	
QC for Pesticides	Completed				12/29/14		
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	12/24/14	RM	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	12/24/14	RM	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	12/24/14	RM	SW8260
1,1-Dichloroethene	ND	1.0	0.24	ug/L	12/24/14	RM	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	12/24/14	RM	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	12/24/14	RM	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	12/24/14	RM	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	12/24/14	RM	SW8260
1,2-Dichloroethane	ND	0.60	0.20	ug/L	12/24/14	RM	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	12/24/14	RM	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260
1,4-Dichlorobenzene	0.21	J	1.0	0.19	ug/L	RM	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	12/24/14	RM	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	12/24/14	RM	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260
4-Chlorotoluene	ND	1.0	0.16	ug/L	12/24/14	RM	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260
Acetone	2.0	JS	5.0	0.31	ug/L	RM	SW8260
Acrolein	ND	5.0	0.95	ug/L	12/24/14	RM	SW8260
Acrylonitrile	ND	5.0	0.17	ug/L	12/24/14	RM	SW8260
Benzene	ND	0.70	0.19	ug/L	12/24/14	RM	SW8260
Bromobenzene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
Bromochloromethane	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260
Bromodichloromethane	ND	1.0	0.16	ug/L	12/24/14	RM	SW8260
Bromoform	ND	5.0	0.10	ug/L	12/24/14	RM	SW8260
Bromomethane	ND	5.0	0.50	ug/L	12/24/14	RM	SW8260
Carbon Disulfide	ND	1.0	0.24	ug/L	12/24/14	RM	SW8260
Carbon tetrachloride	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
Chlorobenzene	ND	5.0	0.20	ug/L	12/24/14	RM	SW8260
Chloroethane	ND	5.0	0.24	ug/L	12/24/14	RM	SW8260
Chloroform	ND	5.0	0.22	ug/L	12/24/14	RM	SW8260
Chloromethane	0.38	J	5.0	0.21	ug/L	RM	SW8260
cis-1,2-Dichloroethene	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
cis-1,3-Dichloropropene	ND	0.40	0.15	ug/L	12/24/14	RM	SW8260
Dibromochloromethane	ND	1.0	0.15	ug/L	12/24/14	RM	SW8260
Dibromomethane	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	12/24/14	RM	SW8260
Ethylbenzene	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260
Hexachlorobutadiene	ND	0.50	0.13	ug/L	12/24/14	RM	SW8260
Isopropylbenzene	0.41	J 1.0	0.22	ug/L	12/24/14	RM	SW8260
m&p-Xylene	ND	1.0	0.42	ug/L	12/24/14	RM	SW8260
Methyl ethyl ketone	ND	1.0	0.50	ug/L	12/24/14	RM	SW8260
Methyl t-butyl ether (MTBE)	1.0	1.0	0.19	ug/L	12/24/14	RM	SW8260
Methylene chloride	ND	3.0	0.16	ug/L	12/24/14	RM	SW8260
Naphthalene	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260
n-Butylbenzene	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260
n-Propylbenzene	0.46	J 1.0	0.20	ug/L	12/24/14	RM	SW8260
o-Xylene	ND	1.0	0.45	ug/L	12/24/14	RM	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260
sec-Butylbenzene	0.91	J 1.0	0.22	ug/L	12/24/14	RM	SW8260
Styrene	ND	1.0	0.41	ug/L	12/24/14	RM	SW8260
tert-Butylbenzene	0.84	J 1.0	0.23	ug/L	12/24/14	RM	SW8260
Tetrachloroethene	ND	1.0	0.24	ug/L	12/24/14	RM	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	12/24/14	RM	SW8260
Toluene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	12/24/14	RM	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	12/24/14	RM	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	12/24/14	RM	SW8260
Trichloroethene	ND	1.0	0.18	ug/L	12/24/14	RM	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	12/24/14	RM	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100			%	12/24/14	RM	70 - 121 %
% Bromofluorobenzene	99			%	12/24/14	RM	59 - 113 %
% Dibromofluoromethane	100			%	12/24/14	RM	70 - 130 %
% Toluene-d8	101			%	12/24/14	RM	84 - 138 %
QC for Volatile					12/24/14	RM	
QC for Volatile					12/24/14	RM	
MS/MSD Volatiles					12/24/14	RM	

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	12/29/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
2-Chlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2-Nitroaniline	ND	5.0	5.0	ug/L	12/29/14	DD	SW 8270
2-Nitrophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	12/29/14	DD	SW 8270
3-Nitroaniline	ND	5.0	5.0	ug/L	12/29/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
4-Chloroaniline	ND	3.5	2.3	ug/L	12/29/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
4-Nitroaniline	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Aniline	ND	3.5	5.0	ug/L	12/29/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Benzidine	ND	4.5	2.9	ug/L	12/29/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	12/29/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	12/29/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	12/29/14	DD	SW 8270
Phenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	12/29/14	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	101			%	12/29/14	DD	19 - 122 %
% 2-Fluorobiphenyl	74			%	12/29/14	DD	30 - 115 %
% 2-Fluorophenol	54			%	12/29/14	DD	25 - 121 %
% Nitrobenzene-d5	66			%	12/29/14	DD	23 - 120 %
% Phenol-d5	59			%	12/29/14	DD	24 - 113 %
% Terphenyl-d14	74			%	12/29/14	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	12/30/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	12/30/14	DD	SW8270 (SIM)
Benz(a)anthracene	0.06	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Benzo(a)pyrene	0.04	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	0.06	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	0.03	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	0.02	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	12/30/14	DD	SW8270 (SIM)
Chrysene	0.04	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	12/30/14	DD	SW8270 (SIM)
Hexachloroethane	ND	0.50	0.50	ug/L	12/30/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	0.03	0.02	0.02	ug/L	12/30/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	12/30/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	12/30/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	12/30/14	DD	SW8270 (SIM)
Phenanthrene	0.18	0.10	0.10	ug/L	12/30/14	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	152			%	12/30/14	DD	15 - 110 %
% 2-Fluorobiphenyl	108			%	12/30/14	DD	30 - 115 %
% 2-Fluorophenol	83			%	12/30/14	DD	15 - 110 %
% Nitrobenzene-d5	101			%	12/30/14	DD	23 - 120 %
% Phenol-d5	93			%	12/30/14	DD	15 - 110 %
% Terphenyl-d14	118			%	12/30/14	DD	18 - 137 %
QC for Semi-Volatile	Completed				12/29/14		

Client ID: MW 7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Pesticide Comment:

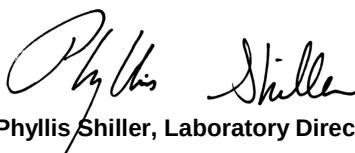
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

Semi-Volatile Comment:

One of the surrogate recoveries was above the upper range due to sample matrix interference. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
Location Code: EBC
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: CU
Received by: SW
Analyzed by: see "By" below

Date

12/22/14 10:00
12/23/14 19:00

Time

Laboratory Data

SDG ID: GBH57254
Phoenix ID: BH57258

Project ID: 25 KENT AVE BROOKLYN
Client ID: MW 8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.005	mg/L	12/29/14	EK	SW6010
Aluminum (Dissolved)	0.06	0.01	0.005	mg/L	12/29/14	EK	SW6010
Arsenic, (Dissolved)	0.113	* 0.003	0.001	mg/L	12/29/14	EK	SW6010
Barium (Dissolved)	0.252	0.011	0.001	mg/L	12/29/14	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Calcium (Dissolved)	173	0.11	0.032	mg/L	12/24/14	EK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	12/29/14	EK	SW6010
Cobalt, (Dissolved)	0.003	B 0.005	0.001	mg/L	12/29/14	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Copper, (Dissolved)	< 0.005	* 0.005	0.001	mg/L	12/29/14	EK	SW6010
Iron, (Dissolved)	48.9	0.11	0.11	mg/L	12/24/14	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	12/24/14	MA	SW7470
Potassium (Dissolved)	52.4	1.1	1.1	mg/L	12/24/14	EK	SW6010
Magnesium (Dissolved)	59.7	0.11	0.011	mg/L	12/24/14	EK	SW6010
Manganese, (Dissolved)	2.20	0.053	0.011	mg/L	12/24/14	EK	SW6010
Sodium (Dissolved)	106	1.1	1.1	mg/L	12/24/14	EK	SW6010
Nickel, (Dissolved)	0.006	0.004	0.001	mg/L	12/29/14	EK	SW6010
Lead (Dissolved)	0.009	0.002	0.001	mg/L	12/29/14	EK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	12/29/14	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.004	mg/L	12/29/14	RS	7010
Thallium, (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	12/29/14	RS	7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	12/29/14	EK	SW6010
Zinc, (Dissolved)	0.135	0.011	0.001	mg/L	12/29/14	EK	SW6010
Filtration	Completed				12/23/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				12/24/14	I/I	SW7470
PCB Extraction (2 Liter)	Completed				12/23/14	LT	SW3510
Extraction for Pest (2 Liter)	Completed				12/23/14	LT	SW3510
Semi-Volatile Extraction	Completed				12/23/14	E/W/K	SW3520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				12/23/14	AG	SW846-3005
<u>Pesticides</u>							
4,4' -DDD	0.020	0.012	0.012	ug/L	12/24/14	CE	SW8081
4,4' -DDE	0.026	0.012	0.012	ug/L	12/24/14	CE	SW8081
4,4' -DDT	ND	0.012	0.012	ug/L	12/24/14	CE	SW8081
a-BHC	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
a-chlordane	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Alachlor	ND	0.38	0.38	ug/L	12/24/14	CE	SW8081
Aldrin	ND	0.008	0.008	ug/L	12/24/14	CE	SW8081
b-BHC	ND	0.040	0.040	ug/L	12/24/14	CE	SW8081
Chlordane	ND	0.25	0.25	ug/L	12/24/14	CE	SW8081
d-BHC	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Dieldrin	ND	0.008	0.008	ug/L	12/24/14	CE	SW8081
Endosulfan I	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endosulfan II	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endosulfan Sulfate	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endrin	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Endrin Aldehyde	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endrin ketone	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
g-BHC (Lindane)	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
g-chlordane	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Heptachlor	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Heptachlor epoxide	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Methoxychlor	ND	0.50	0.50	ug/L	12/24/14	CE	SW8081
Toxaphene	ND	1.3	1.3	ug/L	12/24/14	CE	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	diluted out			%	12/24/14	CE	SW8081
%TCMX (Surrogate Rec)	diluted out			%	12/24/14	CE	SW8081
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1260	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
<u>QA/QC Surrogates</u>							
% DCBP	51			%	12/26/14	KCA	30 - 150 %
% TCMX	49			%	12/26/14	KCA	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	2.0	0.38	ug/L	12/24/14	RM	SW8260
1,1,1-Trichloroethane	ND	5.0	0.38	ug/L	12/24/14	RM	SW8260
1,1,2,2-Tetrachloroethane	ND	2.0	0.30	ug/L	12/24/14	RM	SW8260
1,1,2-Trichloroethane	ND	1.0	0.40	ug/L	12/24/14	RM	SW8260
1,1-Dichloroethane	ND	5.0	0.46	ug/L	12/24/14	RM	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	2.0	0.48	ug/L	12/24/14	RM	SW8260	
1,1-Dichloropropene	ND	2.0	0.40	ug/L	12/24/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND	2.0	0.40	ug/L	12/24/14	RM	SW8260	B
1,2,3-Trichloropropane	ND	1.0	0.42	ug/L	12/24/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND	2.0	0.36	ug/L	12/24/14	RM	SW8260	B
1,2,4-Trimethylbenzene	2.5	2.0	0.36	ug/L	12/24/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	0.72	ug/L	12/24/14	RM	SW8260	
1,2-Dibromoethane	ND	1.0	0.40	ug/L	12/24/14	RM	SW8260	
1,2-Dichlorobenzene	ND	2.0	0.32	ug/L	12/24/14	RM	SW8260	
1,2-Dichloroethane	ND	0.60	0.40	ug/L	12/24/14	RM	SW8260	
1,2-Dichloropropane	ND	1.0	0.36	ug/L	12/24/14	RM	SW8260	
1,3,5-Trimethylbenzene	0.78	J 2.0	0.42	ug/L	12/24/14	RM	SW8260	
1,3-Dichlorobenzene	ND	2.0	0.38	ug/L	12/24/14	RM	SW8260	
1,3-Dichloropropane	ND	2.0	0.44	ug/L	12/24/14	RM	SW8260	
1,4-Dichlorobenzene	ND	2.0	0.38	ug/L	12/24/14	RM	SW8260	
2,2-Dichloropropane	ND	2.0	0.32	ug/L	12/24/14	RM	SW8260	
2-Chlorotoluene	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260	
2-Hexanone	ND	2.0	0.54	ug/L	12/24/14	RM	SW8260	
2-Isopropyltoluene	ND	2.0	0.42	ug/L	12/24/14	RM	SW8260	1
4-Chlorotoluene	ND	2.0	0.32	ug/L	12/24/14	RM	SW8260	
4-Methyl-2-pentanone	ND	2.0	0.38	ug/L	12/24/14	RM	SW8260	
Acetone	6.2	JS 10	0.62	ug/L	12/24/14	RM	SW8260	
Acrolein	ND	5.0	1.9	ug/L	12/24/14	RM	SW8260	
Acrylonitrile	ND	5.0	0.34	ug/L	12/24/14	RM	SW8260	
Benzene	9.9	0.70	0.38	ug/L	12/24/14	RM	SW8260	
Bromobenzene	ND	2.0	0.40	ug/L	12/24/14	RM	SW8260	
Bromochloromethane	ND	2.0	0.44	ug/L	12/24/14	RM	SW8260	
Bromodichloromethane	ND	2.0	0.32	ug/L	12/24/14	RM	SW8260	
Bromoform	ND	10	0.20	ug/L	12/24/14	RM	SW8260	
Bromomethane	ND	5.0	1.0	ug/L	12/24/14	RM	SW8260	
Carbon Disulfide	ND	2.0	0.48	ug/L	12/24/14	RM	SW8260	
Carbon tetrachloride	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260	
Chlorobenzene	ND	5.0	0.40	ug/L	12/24/14	RM	SW8260	
Chloroethane	ND	5.0	0.48	ug/L	12/24/14	RM	SW8260	
Chloroform	ND	5.0	0.44	ug/L	12/24/14	RM	SW8260	
Chloromethane	1.1	J 5.0	0.42	ug/L	12/24/14	RM	SW8260	
cis-1,2-Dichloroethene	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260	
cis-1,3-Dichloropropene	ND	0.40	0.30	ug/L	12/24/14	RM	SW8260	
Dibromochloromethane	ND	2.0	0.30	ug/L	12/24/14	RM	SW8260	
Dibromomethane	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260	
Dichlorodifluoromethane	ND	2.0	0.52	ug/L	12/24/14	RM	SW8260	
Ethylbenzene	2.2	2.0	0.38	ug/L	12/24/14	RM	SW8260	
Hexachlorobutadiene	ND	0.50	0.26	ug/L	12/24/14	RM	SW8260	
Isopropylbenzene	2.2	2.0	0.44	ug/L	12/24/14	RM	SW8260	
m&p-Xylene	1.7	J 2.0	0.84	ug/L	12/24/14	RM	SW8260	
Methyl ethyl ketone	ND	2.0	1.0	ug/L	12/24/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	2.1	2.0	0.38	ug/L	12/24/14	RM	SW8260	
Methylene chloride	0.32	JS 5.0	0.32	ug/L	12/24/14	RM	SW8260	
Naphthalene	0.72	J 2.0	0.38	ug/L	12/24/14	RM	SW8260	B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Butylbenzene	ND	2.0	0.44	ug/L	12/24/14	RM	SW8260
n-Propylbenzene	1.4	J 2.0	0.40	ug/L	12/24/14	RM	SW8260
o-Xylene	1.7	J 2.0	0.90	ug/L	12/24/14	RM	SW8260
p-Isopropyltoluene	ND	2.0	0.42	ug/L	12/24/14	RM	SW8260
sec-Butylbenzene	0.58	J 2.0	0.44	ug/L	12/24/14	RM	SW8260
Styrene	ND	2.0	0.82	ug/L	12/24/14	RM	SW8260
tert-Butylbenzene	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260
Tetrachloroethene	ND	2.0	0.48	ug/L	12/24/14	RM	SW8260
Tetrahydrofuran (THF)	ND	10	1.0	ug/L	12/24/14	RM	SW8260
Toluene	0.64	J 2.0	0.40	ug/L	12/24/14	RM	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.40	ug/L	12/24/14	RM	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.28	ug/L	12/24/14	RM	SW8260
trans-1,4-dichloro-2-butene	ND	2.0	0.90	ug/L	12/24/14	RM	SW8260
Trichloroethene	ND	2.0	0.36	ug/L	12/24/14	RM	SW8260
Trichlorofluoromethane	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260
Trichlorotrifluoroethane	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260
Vinyl chloride	ND	2.0	0.28	ug/L	12/24/14	RM	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102			%	12/24/14	RM	70 - 121 %
% Bromofluorobenzene	99			%	12/24/14	RM	59 - 113 %
% Dibromofluoromethane	103			%	12/24/14	RM	70 - 130 %
% Toluene-d8	98			%	12/24/14	RM	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	5.0	1.8	ug/L	12/29/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
1,2-Dichlorobenzene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
1,3-Dichlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
1,4-Dichlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	5.0	2.7	ug/L	12/29/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
2,4-Dichlorophenol	ND	5.0	1.8	ug/L	12/29/14	DD	SW 8270
2,4-Dimethylphenol	24	5.0	1.2	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrophenol	ND	25	3.5	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	12/29/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
2-Chlorophenol	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	5.0	2.4	ug/L	12/29/14	DD	SW 8270
2-Nitroaniline	ND	25	5.1	ug/L	12/29/14	DD	SW 8270
2-Nitrophenol	ND	5.0	3.2	ug/L	12/29/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	5.0	2.0	ug/L	12/29/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	10	2.4	ug/L	12/29/14	DD	SW 8270
3-Nitroaniline	ND	25	11	ug/L	12/29/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	25	5.4	ug/L	12/29/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	5.0	1.8	ug/L	12/29/14	DD	SW 8270
4-Chloroaniline	ND	10	2.3	ug/L	12/29/14	DD	SW 8270

Client ID: MW 8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
4-Nitroaniline	ND	25	1.7	ug/L	12/29/14	DD	SW 8270
4-Nitrophenol	ND	25	2.3	ug/L	12/29/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Acenaphthylene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Aniline	ND	25	15	ug/L	12/29/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Benz(a)anthracene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Benzidine	ND	10	2.9	ug/L	12/29/14	DD	SW 8270
Benzo(a)pyrene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Benzo(b)fluoranthene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Benzo(ghi)perylene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Benzo(k)fluoranthene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	12/29/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	12/29/14	DD	SW 8270
Chrysene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Hexachlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Hexachlorobutadiene	ND	5.0	1.8	ug/L	12/29/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Hexachloroethane	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Nitrobenzene	ND	5.0	1.8	ug/L	12/29/14	DD	SW 8270
N-Nitrosodimethylamine	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	12/29/14	DD	SW 8270
Pentachloronitrobenzene	ND	5.0	1.9	ug/L	12/29/14	DD	SW 8270
Pentachlorophenol	ND	5.0	1.9	ug/L	12/29/14	DD	SW 8270
Phenanthrene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Phenol	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Pyridine	ND	5.0	1.2	ug/L	12/29/14	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	122			%	12/29/14	DD	19 - 122 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorobiphenyl	73			%	12/29/14	DD	30 - 115 %
% 2-Fluorophenol	69			%	12/29/14	DD	25 - 121 %
% Nitrobenzene-d5	16			%	12/29/14	DD	23 - 120 %
% Phenol-d5	78			%	12/29/14	DD	24 - 113 %
% Terphenyl-d14	66			%	12/29/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

B* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Pesticide Comment:

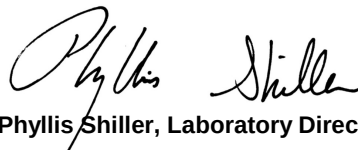
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

Semi-Volatile Comment:

Due to the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
Location Code: EBC
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: CU
Received by: SW
Analyzed by: see "By" below

Date

12/22/14 10:10
12/23/14 19:00

Time

Laboratory Data

SDG ID: GBH57254
Phoenix ID: BH57259

Project ID: 25 KENT AVE BROOKLYN
Client ID: MW 9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.005	mg/L	12/29/14	EK	SW6010
Aluminum (Dissolved)	0.06	0.01	0.005	mg/L	12/29/14	EK	SW6010
Arsenic, (Dissolved)	0.002 B*	0.003	0.001	mg/L	12/29/14	EK	SW6010
Barium (Dissolved)	0.267	0.011	0.001	mg/L	12/29/14	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Calcium (Dissolved)	100	0.11	0.032	mg/L	12/24/14	EK	SW6010 B
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	12/29/14	EK	SW6010
Cobalt, (Dissolved)	0.003 B	0.005	0.001	mg/L	12/29/14	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Copper, (Dissolved)	< 0.005 *	0.005	0.001	mg/L	12/29/14	EK	SW6010
Iron, (Dissolved)	1.17	0.01	0.01	mg/L	12/29/14	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	12/24/14	MA	SW7470
Potassium (Dissolved)	19.9	1.1	1.1	mg/L	12/24/14	EK	SW6010
Magnesium (Dissolved)	37.5	0.11	0.011	mg/L	12/24/14	EK	SW6010
Manganese, (Dissolved)	0.724	0.053	0.011	mg/L	12/24/14	EK	SW6010
Sodium (Dissolved)	119	1.1	1.1	mg/L	12/24/14	EK	SW6010
Nickel, (Dissolved)	0.003 B	0.004	0.001	mg/L	12/29/14	EK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	12/29/14	EK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	12/29/14	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.004	mg/L	12/29/14	RS	7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	12/29/14	RS	7010
Vanadium, (Dissolved)	0.001 B	0.011	0.001	mg/L	12/29/14	EK	SW6010
Zinc, (Dissolved)	0.003 B	0.011	0.001	mg/L	12/29/14	EK	SW6010
Filtration	Completed				12/23/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				12/24/14	I/I	SW7470
PCB Extraction (2 Liter)	Completed				12/23/14	LT	SW3510
Extraction for Pest (2 Liter)	Completed				12/23/14	LT	SW3510
Semi-Volatile Extraction	Completed				12/23/14	E/W/K	SW3520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				12/23/14	AG	SW846-3005

Pesticides

4,4' -DDD	ND	0.012	0.012	ug/L	12/24/14	CE	SW8081
4,4' -DDE	ND	0.012	0.012	ug/L	12/24/14	CE	SW8081
4,4' -DDT	ND	0.012	0.012	ug/L	12/24/14	CE	SW8081
a-BHC	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
a-chlordane	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Alachlor	ND	0.38	0.38	ug/L	12/24/14	CE	SW8081
Aldrin	ND	0.008	0.008	ug/L	12/24/14	CE	SW8081
b-BHC	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Chlordane	ND	0.25	0.25	ug/L	12/24/14	CE	SW8081
d-BHC	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Dieldrin	ND	0.008	0.008	ug/L	12/24/14	CE	SW8081
Endosulfan I	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endosulfan II	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endosulfan Sulfate	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endrin	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Endrin Aldehyde	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endrin ketone	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
g-BHC (Lindane)	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
g-chlordane	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Heptachlor	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Heptachlor epoxide	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Methoxychlor	ND	0.50	0.50	ug/L	12/24/14	CE	SW8081
Toxaphene	ND	1.3	1.3	ug/L	12/24/14	CE	SW8081

QA/QC Surrogates

%DCBP (Surrogate Rec)	Diluted Out			%	12/24/14	CE	SW8081
%TCMX (Surrogate Rec)	Diluted Out			%	12/24/14	CE	SW8081

Polychlorinated Biphenyls

PCB-1016	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1260	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082

QA/QC Surrogates

% DCBP	41			%	12/26/14	KCA	30 - 150 %
% TCMX	55			%	12/26/14	KCA	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	2.0	0.38	ug/L	12/24/14	RM	SW8260
1,1,1-Trichloroethane	ND	5.0	0.38	ug/L	12/24/14	RM	SW8260
1,1,2,2-Tetrachloroethane	ND	2.0	0.30	ug/L	12/24/14	RM	SW8260
1,1,2-Trichloroethane	ND	1.0	0.40	ug/L	12/24/14	RM	SW8260
1,1-Dichloroethane	ND	5.0	0.46	ug/L	12/24/14	RM	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	2.0	0.48	ug/L	12/24/14	RM	SW8260	
1,1-Dichloropropene	ND	2.0	0.40	ug/L	12/24/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND	2.0	0.40	ug/L	12/24/14	RM	SW8260	B
1,2,3-Trichloropropane	ND	1.0	0.42	ug/L	12/24/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND	2.0	0.36	ug/L	12/24/14	RM	SW8260	B
1,2,4-Trimethylbenzene	ND	2.0	0.36	ug/L	12/24/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	0.72	ug/L	12/24/14	RM	SW8260	
1,2-Dibromoethane	ND	1.0	0.40	ug/L	12/24/14	RM	SW8260	
1,2-Dichlorobenzene	ND	2.0	0.32	ug/L	12/24/14	RM	SW8260	
1,2-Dichloroethane	ND	0.60	0.40	ug/L	12/24/14	RM	SW8260	
1,2-Dichloropropane	ND	1.0	0.36	ug/L	12/24/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND	2.0	0.42	ug/L	12/24/14	RM	SW8260	
1,3-Dichlorobenzene	ND	2.0	0.38	ug/L	12/24/14	RM	SW8260	
1,3-Dichloropropane	ND	2.0	0.44	ug/L	12/24/14	RM	SW8260	
1,4-Dichlorobenzene	ND	2.0	0.38	ug/L	12/24/14	RM	SW8260	
2,2-Dichloropropane	ND	2.0	0.32	ug/L	12/24/14	RM	SW8260	
2-Chlorotoluene	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260	
2-Hexanone	ND	2.0	0.54	ug/L	12/24/14	RM	SW8260	
2-Isopropyltoluene	ND	2.0	0.42	ug/L	12/24/14	RM	SW8260	1
4-Chlorotoluene	ND	2.0	0.32	ug/L	12/24/14	RM	SW8260	
4-Methyl-2-pentanone	ND	2.0	0.38	ug/L	12/24/14	RM	SW8260	
Acetone	2.1 JS	10	0.62	ug/L	12/24/14	RM	SW8260	
Acrolein	ND	5.0	1.9	ug/L	12/24/14	RM	SW8260	
Acrylonitrile	ND	5.0	0.34	ug/L	12/24/14	RM	SW8260	
Benzene	ND	0.70	0.38	ug/L	12/24/14	RM	SW8260	
Bromobenzene	ND	2.0	0.40	ug/L	12/24/14	RM	SW8260	
Bromochloromethane	ND	2.0	0.44	ug/L	12/24/14	RM	SW8260	
Bromodichloromethane	ND	2.0	0.32	ug/L	12/24/14	RM	SW8260	
Bromoform	ND	10	0.20	ug/L	12/24/14	RM	SW8260	
Bromomethane	ND	5.0	1.0	ug/L	12/24/14	RM	SW8260	
Carbon Disulfide	ND	2.0	0.48	ug/L	12/24/14	RM	SW8260	
Carbon tetrachloride	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260	
Chlorobenzene	ND	5.0	0.40	ug/L	12/24/14	RM	SW8260	
Chloroethane	ND	5.0	0.48	ug/L	12/24/14	RM	SW8260	
Chloroform	ND	5.0	0.44	ug/L	12/24/14	RM	SW8260	
Chloromethane	0.42 J	5.0	0.42	ug/L	12/24/14	RM	SW8260	
cis-1,2-Dichloroethene	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260	
cis-1,3-Dichloropropene	ND	0.40	0.30	ug/L	12/24/14	RM	SW8260	
Dibromochloromethane	ND	2.0	0.30	ug/L	12/24/14	RM	SW8260	
Dibromomethane	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260	
Dichlorodifluoromethane	ND	2.0	0.52	ug/L	12/24/14	RM	SW8260	
Ethylbenzene	ND	2.0	0.38	ug/L	12/24/14	RM	SW8260	
Hexachlorobutadiene	ND	0.50	0.26	ug/L	12/24/14	RM	SW8260	
Isopropylbenzene	4.1	2.0	0.44	ug/L	12/24/14	RM	SW8260	
m&p-Xylene	ND	2.0	0.84	ug/L	12/24/14	RM	SW8260	
Methyl ethyl ketone	ND	2.0	1.0	ug/L	12/24/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	2.6	2.0	0.38	ug/L	12/24/14	RM	SW8260	
Methylene chloride	0.84 JS	5.0	0.32	ug/L	12/24/14	RM	SW8260	
Naphthalene	0.90 J	2.0	0.38	ug/L	12/24/14	RM	SW8260	B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Butylbenzene	0.70	J 2.0	0.44	ug/L	12/24/14	RM	SW8260
n-Propylbenzene	2.2	2.0	0.40	ug/L	12/24/14	RM	SW8260
o-Xylene	ND	2.0	0.90	ug/L	12/24/14	RM	SW8260
p-Isopropyltoluene	ND	2.0	0.42	ug/L	12/24/14	RM	SW8260
sec-Butylbenzene	3.3	2.0	0.44	ug/L	12/24/14	RM	SW8260
Styrene	ND	2.0	0.82	ug/L	12/24/14	RM	SW8260
tert-Butylbenzene	1.3	J 2.0	0.46	ug/L	12/24/14	RM	SW8260
Tetrachloroethene	ND	2.0	0.48	ug/L	12/24/14	RM	SW8260
Tetrahydrofuran (THF)	ND	10	1.0	ug/L	12/24/14	RM	SW8260
Toluene	ND	2.0	0.40	ug/L	12/24/14	RM	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.40	ug/L	12/24/14	RM	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.28	ug/L	12/24/14	RM	SW8260
trans-1,4-dichloro-2-butene	ND	2.0	0.90	ug/L	12/24/14	RM	SW8260
Trichloroethene	ND	2.0	0.36	ug/L	12/24/14	RM	SW8260
Trichlorofluoromethane	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260
Trichlorotrifluoroethane	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260
Vinyl chloride	ND	2.0	0.28	ug/L	12/24/14	RM	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100			%	12/24/14	RM	70 - 121 %
% Bromofluorobenzene	102			%	12/24/14	RM	59 - 113 %
% Dibromofluoromethane	100			%	12/24/14	RM	70 - 130 %
% Toluene-d8	100			%	12/24/14	RM	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	5.0	1.8	ug/L	12/29/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
1,2-Dichlorobenzene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
1,3-Dichlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
1,4-Dichlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	5.0	2.7	ug/L	12/29/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
2,4-Dichlorophenol	ND	5.0	1.8	ug/L	12/29/14	DD	SW 8270
2,4-Dimethylphenol	ND	5.0	1.2	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrophenol	ND	25	3.5	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	12/29/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
2-Chlorophenol	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	5.0	2.4	ug/L	12/29/14	DD	SW 8270
2-Nitroaniline	ND	25	5.1	ug/L	12/29/14	DD	SW 8270
2-Nitrophenol	ND	5.0	3.2	ug/L	12/29/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	5.0	2.0	ug/L	12/29/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	10	2.4	ug/L	12/29/14	DD	SW 8270
3-Nitroaniline	ND	25	11	ug/L	12/29/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	25	5.4	ug/L	12/29/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	5.0	1.8	ug/L	12/29/14	DD	SW 8270
4-Chloroaniline	ND	10	2.3	ug/L	12/29/14	DD	SW 8270

Client ID: MW 9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
4-Nitroaniline	ND	25	1.7	ug/L	12/29/14	DD	SW 8270
4-Nitrophenol	ND	25	2.3	ug/L	12/29/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Acenaphthylene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Aniline	ND	25	15	ug/L	12/29/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Benz(a)anthracene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Benzidine	ND	10	2.9	ug/L	12/29/14	DD	SW 8270
Benzo(a)pyrene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Benzo(b)fluoranthene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Benzo(ghi)perylene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Benzo(k)fluoranthene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	12/29/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	12/29/14	DD	SW 8270
Chrysene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Hexachlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Hexachlorobutadiene	ND	5.0	1.8	ug/L	12/29/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Hexachloroethane	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Nitrobenzene	ND	5.0	1.8	ug/L	12/29/14	DD	SW 8270
N-Nitrosodimethylamine	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	12/29/14	DD	SW 8270
Pentachloronitrobenzene	ND	5.0	1.9	ug/L	12/29/14	DD	SW 8270
Pentachlorophenol	ND	5.0	1.9	ug/L	12/29/14	DD	SW 8270
Phenanthrene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Phenol	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Pyridine	ND	5.0	1.2	ug/L	12/29/14	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	95			%	12/29/14	DD	19 - 122 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorobiphenyl	75			%	12/29/14	DD	30 - 115 %
% 2-Fluorophenol	51			%	12/29/14	DD	25 - 121 %
% Nitrobenzene-d5	64			%	12/29/14	DD	23 - 120 %
% Phenol-d5	54			%	12/29/14	DD	24 - 113 %
% Terphenyl-d14	71			%	12/29/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

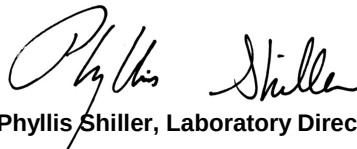
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Semi-Volatile Comment:

Due to the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
Location Code: EBC
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: CU
Received by: SW
Analyzed by: see "By" below

Date

12/22/14 11:00
12/23/14 19:00

Time

Laboratory Data

SDG ID: GBH57254
Phoenix ID: BH57260

Project ID: 25 KENT AVE BROOKLYN
Client ID: MW 10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.005	mg/L	12/29/14	EK	SW6010
Aluminum (Dissolved)	0.15	0.01	0.005	mg/L	12/29/14	EK	SW6010
Arsenic, (Dissolved)	0.002 B*	0.003	0.001	mg/L	12/29/14	EK	SW6010
Barium (Dissolved)	0.062	0.011	0.001	mg/L	12/29/14	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Calcium (Dissolved)	101	0.11	0.032	mg/L	12/24/14	EK	SW6010 B
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	12/29/14	EK	SW6010
Cobalt, (Dissolved)	< 0.005	0.005	0.001	mg/L	12/29/14	EK	SW6010
Chromium (Dissolved)	0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Copper, (Dissolved)	0.003 B*	0.005	0.001	mg/L	12/29/14	EK	SW6010
Iron, (Dissolved)	0.19	0.01	0.01	mg/L	12/29/14	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	12/24/14	MA	SW7470
Potassium (Dissolved)	8.0	1.1	1.1	mg/L	12/24/14	EK	SW6010
Magnesium (Dissolved)	3.73	0.11	0.011	mg/L	12/24/14	EK	SW6010
Manganese, (Dissolved)	0.006	0.005	0.001	mg/L	12/29/14	EK	SW6010
Sodium (Dissolved)	33.6	1.1	1.1	mg/L	12/24/14	EK	SW6010
Nickel, (Dissolved)	< 0.004	0.004	0.001	mg/L	12/29/14	EK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	12/29/14	EK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	12/29/14	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.004	mg/L	12/29/14	RS	7010
Thallium, (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	12/29/14	RS	7010
Vanadium, (Dissolved)	0.003 B	0.011	0.001	mg/L	12/29/14	EK	SW6010
Zinc, (Dissolved)	0.005 B	0.011	0.001	mg/L	12/29/14	EK	SW6010
Filtration	Completed				12/23/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				12/24/14	I/I	SW7470
PCB Extraction (2 Liter)	Completed				12/23/14	LT	SW3510
Extraction for Pest (2 Liter)	Completed				12/23/14	LT	SW3510
Semi-Volatile Extraction	Completed				12/23/14	E/W/K	SW3520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				12/23/14	AG	SW846-3005
<u>Pesticides</u>							
4,4' -DDD	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
4,4' -DDE	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
4,4' -DDT	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
a-BHC	ND	0.005	0.005	ug/L	12/24/14	CE	SW8081
a-chlordane	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
Alachlor	ND	0.075	0.075	ug/L	12/24/14	CE	SW8081
Aldrin	ND	0.002	0.002	ug/L	12/24/14	CE	SW8081
b-BHC	ND	0.005	0.005	ug/L	12/24/14	CE	SW8081
Chlordane	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
d-BHC	ND	0.005	0.005	ug/L	12/24/14	CE	SW8081
Dieldrin	ND	0.002	0.002	ug/L	12/24/14	CE	SW8081
Endosulfan I	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
Endosulfan II	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
Endosulfan Sulfate	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
Endrin	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
Endrin Aldehyde	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
Endrin ketone	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
g-BHC (Lindane)	ND	0.005	0.005	ug/L	12/24/14	CE	SW8081
g-chlordane	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
Heptachlor	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
Heptachlor epoxide	ND	0.010	0.010	ug/L	12/24/14	CE	SW8081
Methoxychlor	ND	0.10	0.10	ug/L	12/24/14	CE	SW8081
Toxaphene	ND	0.25	0.25	ug/L	12/24/14	CE	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	53			%	12/24/14	CE	SW8081
%TCMX (Surrogate Rec)	49			%	12/24/14	CE	SW8081
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1260	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
<u>QA/QC Surrogates</u>							
% DCBP	56			%	12/26/14	KCA	30 - 150 %
% TCMX	43			%	12/26/14	KCA	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	12/24/14	RM	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	12/24/14	RM	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	12/24/14	RM	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	1.0	0.24	ug/L	12/24/14	RM	SW8260	
1,1-Dichloropropene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260	B
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	12/24/14	RM	SW8260	B
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	12/24/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	12/24/14	RM	SW8260	
1,2-Dibromoethane	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260	
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	12/24/14	RM	SW8260	
1,2-Dichloroethane	ND	0.60	0.20	ug/L	12/24/14	RM	SW8260	
1,2-Dichloropropane	ND	1.0	0.18	ug/L	12/24/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260	
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260	
1,3-Dichloropropane	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260	
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260	
2,2-Dichloropropane	ND	1.0	0.16	ug/L	12/24/14	RM	SW8260	
2-Chlorotoluene	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260	
2-Hexanone	ND	1.0	0.27	ug/L	12/24/14	RM	SW8260	
2-Isopropyltoluene	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260	1
4-Chlorotoluene	ND	1.0	0.16	ug/L	12/24/14	RM	SW8260	
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260	
Acetone	1.9	JS 5.0	0.31	ug/L	12/24/14	RM	SW8260	
Acrolein	ND	5.0	0.95	ug/L	12/24/14	RM	SW8260	
Acrylonitrile	ND	5.0	0.17	ug/L	12/24/14	RM	SW8260	
Benzene	ND	0.70	0.19	ug/L	12/24/14	RM	SW8260	
Bromobenzene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260	
Bromochloromethane	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260	
Bromodichloromethane	ND	1.0	0.16	ug/L	12/24/14	RM	SW8260	
Bromoform	ND	5.0	0.10	ug/L	12/24/14	RM	SW8260	
Bromomethane	ND	5.0	0.50	ug/L	12/24/14	RM	SW8260	
Carbon Disulfide	ND	1.0	0.24	ug/L	12/24/14	RM	SW8260	
Carbon tetrachloride	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260	
Chlorobenzene	ND	5.0	0.20	ug/L	12/24/14	RM	SW8260	
Chloroethane	ND	5.0	0.24	ug/L	12/24/14	RM	SW8260	
Chloroform	ND	5.0	0.22	ug/L	12/24/14	RM	SW8260	
Chloromethane	0.42	J 5.0	0.21	ug/L	12/24/14	RM	SW8260	
cis-1,2-Dichloroethene	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260	
cis-1,3-Dichloropropene	ND	0.40	0.15	ug/L	12/24/14	RM	SW8260	
Dibromochloromethane	ND	1.0	0.15	ug/L	12/24/14	RM	SW8260	
Dibromomethane	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260	
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	12/24/14	RM	SW8260	
Ethylbenzene	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260	
Hexachlorobutadiene	ND	0.50	0.13	ug/L	12/24/14	RM	SW8260	
Isopropylbenzene	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260	
m&p-Xylene	ND	1.0	0.42	ug/L	12/24/14	RM	SW8260	
Methyl ethyl ketone	ND	1.0	0.50	ug/L	12/24/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260	
Methylene chloride	ND	3.0	0.16	ug/L	12/24/14	RM	SW8260	
Naphthalene	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260	B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Butylbenzene	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
o-Xylene	ND	1.0	0.45	ug/L	12/24/14	RM	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260
Styrene	ND	1.0	0.41	ug/L	12/24/14	RM	SW8260
tert-Butylbenzene	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
Tetrachloroethene	1.7	1.0	0.24	ug/L	12/24/14	RM	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	12/24/14	RM	SW8260
Toluene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	12/24/14	RM	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	12/24/14	RM	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	12/24/14	RM	SW8260
Trichloroethene	ND	1.0	0.18	ug/L	12/24/14	RM	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	12/24/14	RM	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100			%	12/24/14	RM	70 - 121 %
% Bromofluorobenzene	101			%	12/24/14	RM	59 - 113 %
% Dibromofluoromethane	99			%	12/24/14	RM	70 - 130 %
% Toluene-d8	99			%	12/24/14	RM	84 - 138 %

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	12/29/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
2-Chlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2-Nitroaniline	ND	5.0	5.0	ug/L	12/29/14	DD	SW 8270
2-Nitrophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	12/29/14	DD	SW 8270
3-Nitroaniline	ND	5.0	5.0	ug/L	12/29/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
4-Chloroaniline	ND	3.5	2.3	ug/L	12/29/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Aniline	ND	3.5	5.0	ug/L	12/29/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Benzidine	ND	4.5	2.9	ug/L	12/29/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	12/29/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	12/29/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	12/29/14	DD	SW 8270
Phenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	12/29/14	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	81			%	12/29/14	DD	19 - 122 %
% 2-Fluorobiphenyl	75			%	12/29/14	DD	30 - 115 %
% 2-Fluorophenol	48			%	12/29/14	DD	25 - 121 %
% Nitrobenzene-d5	65			%	12/29/14	DD	23 - 120 %
% Phenol-d5	53			%	12/29/14	DD	24 - 113 %
% Terphenyl-d14	74			%	12/29/14	DD	18 - 137 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	12/29/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	12/29/14	DD	SW8270 (SIM)
Benz(a)anthracene	0.40	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Benzo(a)pyrene	0.32	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	0.46	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	0.18	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	0.17	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	12/29/14	DD	SW8270 (SIM)
Chrysene	0.36	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	12/29/14	DD	SW8270 (SIM)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachloroethane	ND	0.50	0.50	ug/L	12/29/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	0.14	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	12/29/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	12/29/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	12/29/14	DD	SW8270 (SIM)
Phenanthrene	0.87	0.10	0.10	ug/L	12/29/14	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	133			%	12/29/14	DD	15 - 110 % ³
% 2-Fluorobiphenyl	96			%	12/29/14	DD	30 - 115 %
% 2-Fluorophenol	78			%	12/29/14	DD	15 - 110 %
% Nitrobenzene-d5	96			%	12/29/14	DD	23 - 120 %
% Phenol-d5	89			%	12/29/14	DD	15 - 110 %
% Terphenyl-d14	92			%	12/29/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

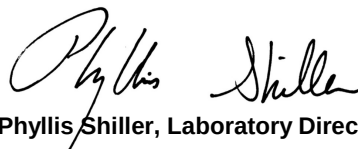
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Semi-Volatile Comment:

One of the surrogate recoveries was above the upper range due to sample matrix interference. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
Location Code: EBC
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: CU
Received by: SW
Analyzed by: see "By" below

Date

12/22/14
12/23/14

Time

11:30
19:00

Laboratory Data

SDG ID: GBH57254
Phoenix ID: BH57261

Project ID: 25 KENT AVE BROOKLYN
Client ID: MW 6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.005	mg/L	12/29/14	EK	SW6010
Aluminum (Dissolved)	0.02	0.01	0.005	mg/L	12/29/14	EK	SW6010
Arsenic, (Dissolved)	0.004	* 0.003	0.001	mg/L	12/29/14	EK	SW6010
Barium (Dissolved)	0.082	0.011	0.001	mg/L	12/29/14	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Calcium (Dissolved)	226	0.11	0.032	mg/L	12/24/14	EK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	12/29/14	EK	SW6010
Cobalt, (Dissolved)	< 0.005	0.005	0.001	mg/L	12/29/14	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Copper, (Dissolved)	< 0.005	* 0.005	0.001	mg/L	12/29/14	EK	SW6010
Iron, (Dissolved)	0.21	0.01	0.01	mg/L	12/29/14	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	12/24/14	MA	SW7470
Potassium (Dissolved)	31.5	1.1	1.1	mg/L	12/24/14	EK	SW6010
Magnesium (Dissolved)	45.3	0.11	0.011	mg/L	12/24/14	EK	SW6010
Manganese, (Dissolved)	2.02	0.053	0.011	mg/L	12/24/14	EK	SW6010
Sodium (Dissolved)	140	1.1	1.1	mg/L	12/24/14	EK	SW6010
Nickel, (Dissolved)	< 0.004	0.004	0.001	mg/L	12/29/14	EK	SW6010
Lead (Dissolved)	0.002	B 0.002	0.001	mg/L	12/29/14	EK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	12/29/14	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.004	mg/L	12/29/14	RS	7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	12/29/14	RS	7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	12/29/14	EK	SW6010
Zinc, (Dissolved)	0.001	B 0.011	0.001	mg/L	12/29/14	EK	SW6010
Filtration	Completed				12/23/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				12/24/14	I/I	SW7470
PCB Extraction (2 Liter)	Completed				12/23/14	LT	SW3510
Extraction for Pest (2 Liter)	Completed				12/23/14	LT	SW3510
Semi-Volatile Extraction	Completed				12/23/14	E/W/K	SW3520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				12/23/14	AG	SW846-3005
<u>Pesticides</u>							
4,4' -DDD	ND	0.030	0.030	ug/L	12/24/14	CE	SW8081
4,4' -DDE	ND	0.030	0.030	ug/L	12/24/14	CE	SW8081
4,4' -DDT	0.056	0.030	0.030	ug/L	12/24/14	CE	SW8081
a-BHC	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
a-chlordane	ND	0.10	0.10	ug/L	12/24/14	CE	SW8081
Alachlor	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Aldrin	ND	0.015	0.015	ug/L	12/24/14	CE	SW8081
b-BHC	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Chlordane	ND	0.50	0.50	ug/L	12/24/14	CE	SW8081
d-BHC	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Dieldrin	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Endosulfan I	ND	0.10	0.10	ug/L	12/24/14	CE	SW8081
Endosulfan II	ND	0.10	0.10	ug/L	12/24/14	CE	SW8081
Endosulfan Sulfate	ND	0.10	0.10	ug/L	12/24/14	CE	SW8081
Endrin	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endrin Aldehyde	ND	0.10	0.10	ug/L	12/24/14	CE	SW8081
Endrin ketone	ND	0.10	0.10	ug/L	12/24/14	CE	SW8081
g-BHC (Lindane)	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
g-chlordane	ND	0.10	0.10	ug/L	12/24/14	CE	SW8081
Heptachlor	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Heptachlor epoxide	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Methoxychlor	ND	1.0	1.0	ug/L	12/24/14	CE	SW8081
Toxaphene	ND	2.5	2.5	ug/L	12/24/14	CE	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	Diluted Out			%	12/24/14	CE	SW8081
%TCMX (Surrogate Rec)	Diluted Out			%	12/24/14	CE	SW8081
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1260	0.058	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
<u>QA/QC Surrogates</u>							
% DCBP	46			%	12/26/14	KCA	30 - 150 %
% TCMX	62			%	12/26/14	KCA	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	2.0	0.38	ug/L	12/24/14	RM	SW8260
1,1,1-Trichloroethane	ND	5.0	0.38	ug/L	12/24/14	RM	SW8260
1,1,2,2-Tetrachloroethane	ND	2.0	0.30	ug/L	12/24/14	RM	SW8260
1,1,2-Trichloroethane	ND	1.0	0.40	ug/L	12/24/14	RM	SW8260
1,1-Dichloroethane	ND	5.0	0.46	ug/L	12/24/14	RM	SW8260

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		2.0	0.48	ug/L	12/24/14	RM	SW8260	
1,1-Dichloropropene	ND		2.0	0.40	ug/L	12/24/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND		2.0	0.40	ug/L	12/24/14	RM	SW8260	B
1,2,3-Trichloropropane	ND		1.0	0.42	ug/L	12/24/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND		2.0	0.36	ug/L	12/24/14	RM	SW8260	B
1,2,4-Trimethylbenzene	ND		2.0	0.36	ug/L	12/24/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND		1.0	0.72	ug/L	12/24/14	RM	SW8260	
1,2-Dibromoethane	ND		1.0	0.40	ug/L	12/24/14	RM	SW8260	
1,2-Dichlorobenzene	ND		2.0	0.32	ug/L	12/24/14	RM	SW8260	
1,2-Dichloroethane	ND		0.60	0.40	ug/L	12/24/14	RM	SW8260	
1,2-Dichloropropane	ND		1.0	0.36	ug/L	12/24/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND		2.0	0.42	ug/L	12/24/14	RM	SW8260	
1,3-Dichlorobenzene	ND		2.0	0.38	ug/L	12/24/14	RM	SW8260	
1,3-Dichloropropane	ND		2.0	0.44	ug/L	12/24/14	RM	SW8260	
1,4-Dichlorobenzene	1.4	J	2.0	0.38	ug/L	12/24/14	RM	SW8260	
2,2-Dichloropropane	ND		2.0	0.32	ug/L	12/24/14	RM	SW8260	
2-Chlorotoluene	ND		2.0	0.46	ug/L	12/24/14	RM	SW8260	
2-Hexanone	ND		2.0	0.54	ug/L	12/24/14	RM	SW8260	
2-Isopropyltoluene	ND		2.0	0.42	ug/L	12/24/14	RM	SW8260	1
4-Chlorotoluene	ND		2.0	0.32	ug/L	12/24/14	RM	SW8260	
4-Methyl-2-pentanone	ND		2.0	0.38	ug/L	12/24/14	RM	SW8260	
Acetone	11	S	10	0.62	ug/L	12/24/14	RM	SW8260	
Acrolein	ND		5.0	1.9	ug/L	12/24/14	RM	SW8260	
Acrylonitrile	ND		5.0	0.34	ug/L	12/24/14	RM	SW8260	
Benzene	0.58	J	0.70	0.38	ug/L	12/24/14	RM	SW8260	
Bromobenzene	ND		2.0	0.40	ug/L	12/24/14	RM	SW8260	
Bromochloromethane	ND		2.0	0.44	ug/L	12/24/14	RM	SW8260	
Bromodichloromethane	ND		2.0	0.32	ug/L	12/24/14	RM	SW8260	
Bromoform	ND		10	0.20	ug/L	12/24/14	RM	SW8260	
Bromomethane	ND		5.0	1.0	ug/L	12/24/14	RM	SW8260	
Carbon Disulfide	ND		2.0	0.48	ug/L	12/24/14	RM	SW8260	
Carbon tetrachloride	ND		2.0	0.46	ug/L	12/24/14	RM	SW8260	
Chlorobenzene	ND		5.0	0.40	ug/L	12/24/14	RM	SW8260	
Chloroethane	ND		5.0	0.48	ug/L	12/24/14	RM	SW8260	
Chloroform	ND		5.0	0.44	ug/L	12/24/14	RM	SW8260	
Chloromethane	0.56	J	5.0	0.42	ug/L	12/24/14	RM	SW8260	
cis-1,2-Dichloroethene	ND		2.0	0.46	ug/L	12/24/14	RM	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.30	ug/L	12/24/14	RM	SW8260	
Dibromochloromethane	ND		2.0	0.30	ug/L	12/24/14	RM	SW8260	
Dibromomethane	ND		2.0	0.46	ug/L	12/24/14	RM	SW8260	
Dichlorodifluoromethane	ND		2.0	0.52	ug/L	12/24/14	RM	SW8260	
Ethylbenzene	ND		2.0	0.38	ug/L	12/24/14	RM	SW8260	
Hexachlorobutadiene	ND		0.50	0.26	ug/L	12/24/14	RM	SW8260	
Isopropylbenzene	ND		2.0	0.44	ug/L	12/24/14	RM	SW8260	
m&p-Xylene	1.5	J	2.0	0.84	ug/L	12/24/14	RM	SW8260	
Methyl ethyl ketone	ND		2.0	1.0	ug/L	12/24/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	0.90	J	2.0	0.38	ug/L	12/24/14	RM	SW8260	
Methylene chloride	1.4	JS	5.0	0.32	ug/L	12/24/14	RM	SW8260	
Naphthalene	0.88	J	2.0	0.38	ug/L	12/24/14	RM	SW8260	B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Butylbenzene	ND	2.0	0.44	ug/L	12/24/14	RM	SW8260
n-Propylbenzene	ND	2.0	0.40	ug/L	12/24/14	RM	SW8260
o-Xylene	ND	2.0	0.90	ug/L	12/24/14	RM	SW8260
p-Isopropyltoluene	ND	2.0	0.42	ug/L	12/24/14	RM	SW8260
sec-Butylbenzene	ND	2.0	0.44	ug/L	12/24/14	RM	SW8260
Styrene	ND	2.0	0.82	ug/L	12/24/14	RM	SW8260
tert-Butylbenzene	0.46	J 2.0	0.46	ug/L	12/24/14	RM	SW8260
Tetrachloroethene	ND	2.0	0.48	ug/L	12/24/14	RM	SW8260
Tetrahydrofuran (THF)	ND	10	1.0	ug/L	12/24/14	RM	SW8260
Toluene	ND	2.0	0.40	ug/L	12/24/14	RM	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.40	ug/L	12/24/14	RM	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.28	ug/L	12/24/14	RM	SW8260
trans-1,4-dichloro-2-butene	ND	2.0	0.90	ug/L	12/24/14	RM	SW8260
Trichloroethene	ND	2.0	0.36	ug/L	12/24/14	RM	SW8260
Trichlorofluoromethane	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260
Trichlorotrifluoroethane	ND	2.0	0.46	ug/L	12/24/14	RM	SW8260
Vinyl chloride	ND	2.0	0.28	ug/L	12/24/14	RM	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102			%	12/24/14	RM	70 - 121 %
% Bromofluorobenzene	101			%	12/24/14	RM	59 - 113 %
% Dibromofluoromethane	99			%	12/24/14	RM	70 - 130 %
% Toluene-d8	100			%	12/24/14	RM	84 - 138 %

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	5.0	1.8	ug/L	12/29/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
1,2-Dichlorobenzene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
1,3-Dichlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
1,4-Dichlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	5.0	2.7	ug/L	12/29/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
2,4-Dichlorophenol	ND	5.0	1.8	ug/L	12/29/14	DD	SW 8270
2,4-Dimethylphenol	ND	5.0	1.2	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrophenol	ND	25	3.5	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	12/29/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
2-Chlorophenol	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	5.0	2.4	ug/L	12/29/14	DD	SW 8270
2-Nitroaniline	ND	25	5.1	ug/L	12/29/14	DD	SW 8270
2-Nitrophenol	ND	5.0	3.2	ug/L	12/29/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	5.0	2.0	ug/L	12/29/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	10	2.4	ug/L	12/29/14	DD	SW 8270
3-Nitroaniline	ND	25	11	ug/L	12/29/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	25	5.4	ug/L	12/29/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	5.0	1.8	ug/L	12/29/14	DD	SW 8270
4-Chloroaniline	ND	10	2.3	ug/L	12/29/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
4-Nitroaniline	ND	25	1.7	ug/L	12/29/14	DD	SW 8270
4-Nitrophenol	ND	25	2.3	ug/L	12/29/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Acenaphthylene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Aniline	ND	25	15	ug/L	12/29/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Benz(a)anthracene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Benzidine	ND	10	2.9	ug/L	12/29/14	DD	SW 8270
Benzo(a)pyrene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Benzo(b)fluoranthene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Benzo(ghi)perylene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Benzo(k)fluoranthene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	12/29/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	12/29/14	DD	SW 8270
Chrysene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Hexachlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Hexachlorobutadiene	ND	5.0	1.8	ug/L	12/29/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Hexachloroethane	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Isophorone	4.2	J 5.0	1.4	ug/L	12/29/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Nitrobenzene	ND	5.0	1.8	ug/L	12/29/14	DD	SW 8270
N-Nitrosodimethylamine	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	12/29/14	DD	SW 8270
Pentachloronitrobenzene	ND	5.0	1.9	ug/L	12/29/14	DD	SW 8270
Pentachlorophenol	ND	5.0	1.9	ug/L	12/29/14	DD	SW 8270
Phenanthrene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Phenol	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Pyridine	ND	5.0	1.2	ug/L	12/29/14	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	98			%	12/29/14	DD	19 - 122 %

Client ID: MW 6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorobiphenyl	70			%	12/29/14	DD	30 - 115 %
% 2-Fluorophenol	46			%	12/29/14	DD	25 - 121 %
% Nitrobenzene-d5	73			%	12/29/14	DD	23 - 120 %
% Phenol-d5	50			%	12/29/14	DD	24 - 113 %
% Terphenyl-d14	32			%	12/29/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Pesticide Comment:

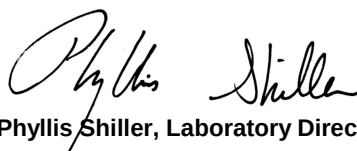
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

Semi-Volatile Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
Location Code: EBC
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: CU
Received by: SW
Analyzed by: see "By" below

Date

12/22/14 12:00
12/23/14 19:00

Time

Laboratory Data

SDG ID: GBH57254
Phoenix ID: BH57262

Project ID: 25 KENT AVE BROOKLYN
Client ID: MW 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.005	mg/L	12/29/14	EK	SW6010
Aluminum (Dissolved)	0.01	0.01	0.005	mg/L	12/29/14	EK	SW6010
Arsenic, (Dissolved)	0.001 B*	0.003	0.001	mg/L	12/29/14	EK	SW6010
Barium (Dissolved)	0.251	0.011	0.001	mg/L	12/29/14	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Calcium (Dissolved)	102	0.11	0.032	mg/L	12/24/14	EK	SW6010 B
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	12/29/14	EK	SW6010
Cobalt, (Dissolved)	0.003 B	0.005	0.001	mg/L	12/29/14	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Copper, (Dissolved)	< 0.005 *	0.005	0.001	mg/L	12/29/14	EK	SW6010
Iron, (Dissolved)	0.19	0.01	0.01	mg/L	12/29/14	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	12/24/14	MA	SW7470
Potassium (Dissolved)	24.6	1.1	1.1	mg/L	12/24/14	EK	SW6010
Magnesium (Dissolved)	38.8	0.11	0.011	mg/L	12/24/14	EK	SW6010
Manganese, (Dissolved)	0.357	0.005	0.001	mg/L	12/29/14	EK	SW6010
Sodium (Dissolved)	119	1.1	1.1	mg/L	12/24/14	EK	SW6010
Nickel, (Dissolved)	0.001 B	0.004	0.001	mg/L	12/29/14	EK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	12/29/14	EK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	12/29/14	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.004	mg/L	12/29/14	RS	7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	12/29/14	RS	7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	12/29/14	EK	SW6010
Zinc, (Dissolved)	0.002 B	0.011	0.001	mg/L	12/29/14	EK	SW6010
Filtration	Completed				12/23/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				12/24/14	I/I	SW7470
PCB Extraction (2 Liter)	Completed				12/23/14	LT	SW3510
Extraction for Pest (2 Liter)	Completed				12/23/14	LT	SW3510
Semi-Volatile Extraction	Completed				12/23/14	E/W/K	SW3520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				12/23/14	AG	SW846-3005
<u>Pesticides</u>							
4,4' -DDD	ND	0.012	0.012	ug/L	12/24/14	CE	SW8081
4,4' -DDE	ND	0.012	0.012	ug/L	12/24/14	CE	SW8081
4,4' -DDT	ND	0.012	0.012	ug/L	12/24/14	CE	SW8081
a-BHC	ND	0.030	0.030	ug/L	12/24/14	CE	SW8081
a-chlordane	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Alachlor	ND	0.38	0.38	ug/L	12/24/14	CE	SW8081
Aldrin	ND	0.008	0.008	ug/L	12/24/14	CE	SW8081
b-BHC	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Chlordane	ND	0.25	0.25	ug/L	12/24/14	CE	SW8081
d-BHC	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Dieldrin	ND	0.008	0.008	ug/L	12/24/14	CE	SW8081
Endosulfan I	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endosulfan II	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endosulfan Sulfate	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endrin	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Endrin Aldehyde	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Endrin ketone	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
g-BHC (Lindane)	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
g-chlordane	ND	0.050	0.050	ug/L	12/24/14	CE	SW8081
Heptachlor	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Heptachlor epoxide	ND	0.025	0.025	ug/L	12/24/14	CE	SW8081
Methoxychlor	ND	0.50	0.50	ug/L	12/24/14	CE	SW8081
Toxaphene	ND	1.3	1.3	ug/L	12/24/14	CE	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	Diluted Out			%	12/24/14	CE	SW8081
%TCMX (Surrogate Rec)	Diluted Out			%	12/24/14	CE	SW8081
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1260	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
<u>QA/QC Surrogates</u>							
% DCBP	65			%	12/26/14	KCA	30 - 150 %
% TCMX	72			%	12/26/14	KCA	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	2.0	0.38	ug/L	12/24/14	R/P	SW8260
1,1,1-Trichloroethane	ND	5.0	0.38	ug/L	12/24/14	R/P	SW8260
1,1,2,2-Tetrachloroethane	ND	2.0	0.30	ug/L	12/24/14	R/P	SW8260
1,1,2-Trichloroethane	ND	1.0	0.40	ug/L	12/24/14	R/P	SW8260
1,1-Dichloroethane	ND	5.0	0.46	ug/L	12/24/14	R/P	SW8260

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		2.0	0.48	ug/L	12/24/14	R/P	SW8260	
1,1-Dichloropropene	ND		2.0	0.40	ug/L	12/24/14	R/P	SW8260	
1,2,3-Trichlorobenzene	ND		2.0	0.40	ug/L	12/24/14	R/P	SW8260	B
1,2,3-Trichloropropane	ND		1.0	0.42	ug/L	12/24/14	R/P	SW8260	
1,2,4-Trichlorobenzene	ND		2.0	0.36	ug/L	12/24/14	R/P	SW8260	B
1,2,4-Trimethylbenzene	1.0	J	2.0	0.36	ug/L	12/24/14	R/P	SW8260	
1,2-Dibromo-3-chloropropane	ND		1.0	0.72	ug/L	12/24/14	R/P	SW8260	
1,2-Dibromoethane	ND		1.0	0.40	ug/L	12/24/14	R/P	SW8260	
1,2-Dichlorobenzene	ND		2.0	0.32	ug/L	12/24/14	R/P	SW8260	
1,2-Dichloroethane	ND		0.60	0.40	ug/L	12/24/14	R/P	SW8260	
1,2-Dichloropropane	ND		1.0	0.36	ug/L	12/24/14	R/P	SW8260	
1,3,5-Trimethylbenzene	ND		2.0	0.42	ug/L	12/24/14	R/P	SW8260	
1,3-Dichlorobenzene	ND		2.0	0.38	ug/L	12/24/14	R/P	SW8260	
1,3-Dichloropropane	ND		2.0	0.44	ug/L	12/24/14	R/P	SW8260	
1,4-Dichlorobenzene	ND		2.0	0.38	ug/L	12/24/14	R/P	SW8260	
2,2-Dichloropropane	ND		2.0	0.32	ug/L	12/24/14	R/P	SW8260	
2-Chlorotoluene	ND		2.0	0.46	ug/L	12/24/14	R/P	SW8260	
2-Hexanone	ND		2.0	0.54	ug/L	12/24/14	R/P	SW8260	
2-Isopropyltoluene	2.6		2.0	0.42	ug/L	12/24/14	R/P	SW8260	1
4-Chlorotoluene	ND		2.0	0.32	ug/L	12/24/14	R/P	SW8260	
4-Methyl-2-pentanone	ND		2.0	0.38	ug/L	12/24/14	R/P	SW8260	
Acetone	4.0	JS	10	0.62	ug/L	12/24/14	R/P	SW8260	
Acrolein	ND		5.0	1.9	ug/L	12/24/14	R/P	SW8260	
Acrylonitrile	ND		5.0	0.34	ug/L	12/24/14	R/P	SW8260	
Benzene	3300	D	140	38	ug/L	12/24/14	R/P	SW8260	
Bromobenzene	ND		2.0	0.40	ug/L	12/24/14	R/P	SW8260	
Bromochloromethane	ND		2.0	0.44	ug/L	12/24/14	R/P	SW8260	
Bromodichloromethane	ND		2.0	0.32	ug/L	12/24/14	R/P	SW8260	
Bromoform	ND		10	0.20	ug/L	12/24/14	R/P	SW8260	
Bromomethane	ND		5.0	1.0	ug/L	12/24/14	R/P	SW8260	
Carbon Disulfide	ND		2.0	0.48	ug/L	12/24/14	R/P	SW8260	
Carbon tetrachloride	ND		2.0	0.46	ug/L	12/24/14	R/P	SW8260	
Chlorobenzene	ND		5.0	0.40	ug/L	12/24/14	R/P	SW8260	
Chloroethane	ND		5.0	0.48	ug/L	12/24/14	R/P	SW8260	
Chloroform	ND		5.0	0.44	ug/L	12/24/14	R/P	SW8260	
Chloromethane	ND		5.0	0.42	ug/L	12/24/14	R/P	SW8260	
cis-1,2-Dichloroethene	ND		2.0	0.46	ug/L	12/24/14	R/P	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.30	ug/L	12/24/14	R/P	SW8260	
Dibromochloromethane	ND		2.0	0.30	ug/L	12/24/14	R/P	SW8260	
Dibromomethane	ND		2.0	0.46	ug/L	12/24/14	R/P	SW8260	
Dichlorodifluoromethane	ND		2.0	0.52	ug/L	12/24/14	R/P	SW8260	
Ethylbenzene	68	D	20	3.8	ug/L	12/24/14	R/P	SW8260	
Hexachlorobutadiene	ND		0.50	0.26	ug/L	12/24/14	R/P	SW8260	
Isopropylbenzene	10		2.0	0.44	ug/L	12/24/14	R/P	SW8260	
m&p-Xylene	6.4		2.0	0.84	ug/L	12/24/14	R/P	SW8260	
Methyl ethyl ketone	ND		2.0	1.0	ug/L	12/24/14	R/P	SW8260	
Methyl t-butyl ether (MTBE)	ND		2.0	0.38	ug/L	12/24/14	R/P	SW8260	
Methylene chloride	2.7	JS	5.0	0.32	ug/L	12/24/14	R/P	SW8260	
Naphthalene	58		2.0	0.38	ug/L	12/24/14	R/P	SW8260	B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Butylbenzene	1.4	J 2.0	0.44	ug/L	12/24/14	R/P	SW8260
n-Propylbenzene	4.7	2.0	0.40	ug/L	12/24/14	R/P	SW8260
o-Xylene	2.3	2.0	0.90	ug/L	12/24/14	R/P	SW8260
p-Isopropyltoluene	ND	2.0	0.42	ug/L	12/24/14	R/P	SW8260
sec-Butylbenzene	5.2	2.0	0.44	ug/L	12/24/14	R/P	SW8260
Styrene	ND	2.0	0.82	ug/L	12/24/14	R/P	SW8260
tert-Butylbenzene	1.4	J 2.0	0.46	ug/L	12/24/14	R/P	SW8260
Tetrachloroethene	ND	2.0	0.48	ug/L	12/24/14	R/P	SW8260
Tetrahydrofuran (THF)	ND	10	1.0	ug/L	12/24/14	R/P	SW8260
Toluene	3.8	2.0	0.40	ug/L	12/24/14	R/P	SW8260
trans-1,2-Dichloroethene	0.52	J 5.0	0.40	ug/L	12/24/14	R/P	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.28	ug/L	12/24/14	R/P	SW8260
trans-1,4-dichloro-2-butene	ND	2.0	0.90	ug/L	12/24/14	R/P	SW8260
Trichloroethene	ND	2.0	0.36	ug/L	12/24/14	R/P	SW8260
Trichlorofluoromethane	ND	2.0	0.46	ug/L	12/24/14	R/P	SW8260
Trichlorotrifluoroethane	ND	2.0	0.46	ug/L	12/24/14	R/P	SW8260
Vinyl chloride	ND	2.0	0.28	ug/L	12/24/14	R/P	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	103			%	12/24/14	R/P	70 - 121 %
% Bromofluorobenzene	99			%	12/24/14	R/P	59 - 113 %
% Dibromofluoromethane	94			%	12/24/14	R/P	70 - 130 %
% Toluene-d8	101			%	12/24/14	R/P	84 - 138 %

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	5.0	1.8	ug/L	12/29/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
1,2-Dichlorobenzene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
1,3-Dichlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
1,4-Dichlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	5.0	2.7	ug/L	12/29/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
2,4-Dichlorophenol	ND	5.0	1.8	ug/L	12/29/14	DD	SW 8270
2,4-Dimethylphenol	ND	5.0	1.2	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrophenol	ND	25	3.5	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	12/29/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
2-Chlorophenol	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
2-Methylnaphthalene	11	5.0	1.5	ug/L	12/29/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	5.0	2.4	ug/L	12/29/14	DD	SW 8270
2-Nitroaniline	ND	25	5.1	ug/L	12/29/14	DD	SW 8270
2-Nitrophenol	ND	5.0	3.2	ug/L	12/29/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	5.0	2.0	ug/L	12/29/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	10	2.4	ug/L	12/29/14	DD	SW 8270
3-Nitroaniline	ND	25	11	ug/L	12/29/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	25	5.4	ug/L	12/29/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	5.0	1.8	ug/L	12/29/14	DD	SW 8270
4-Chloroaniline	ND	10	2.3	ug/L	12/29/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
4-Nitroaniline	ND	25	1.7	ug/L	12/29/14	DD	SW 8270
4-Nitrophenol	ND	25	2.3	ug/L	12/29/14	DD	SW 8270
Acenaphthene	1.6	J 5.0	1.5	ug/L	12/29/14	DD	SW 8270
Acenaphthylene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Aniline	ND	25	15	ug/L	12/29/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Benz(a)anthracene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Benzidine	ND	10	2.9	ug/L	12/29/14	DD	SW 8270
Benzo(a)pyrene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Benzo(b)fluoranthene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Benzo(ghi)perylene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Benzo(k)fluoranthene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	12/29/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	12/29/14	DD	SW 8270
Chrysene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Fluorene	2.1	J 5.0	1.7	ug/L	12/29/14	DD	SW 8270
Hexachlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Hexachlorobutadiene	ND	5.0	1.8	ug/L	12/29/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Hexachloroethane	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Naphthalene	20	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Nitrobenzene	ND	5.0	1.8	ug/L	12/29/14	DD	SW 8270
N-Nitrosodimethylamine	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	12/29/14	DD	SW 8270
Pentachloronitrobenzene	ND	5.0	1.9	ug/L	12/29/14	DD	SW 8270
Pentachlorophenol	ND	5.0	1.9	ug/L	12/29/14	DD	SW 8270
Phenanthrene	2.2	J 5.0	1.4	ug/L	12/29/14	DD	SW 8270
Phenol	30	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Pyridine	ND	5.0	1.2	ug/L	12/29/14	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	83			%	12/29/14	DD	19 - 122 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorobiphenyl	69			%	12/29/14	DD	30 - 115 %
% 2-Fluorophenol	55			%	12/29/14	DD	25 - 121 %
% Nitrobenzene-d5	67			%	12/29/14	DD	23 - 120 %
% Phenol-d5	62			%	12/29/14	DD	24 - 113 %
% Terphenyl-d14	65			%	12/29/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

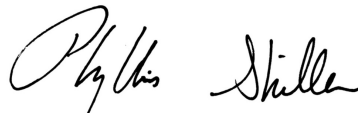
Pesticide Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

Semi-Volatile Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
Location Code: EBC
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: CU
Received by: SW
Analyzed by: see "By" below

Date

12/22/14
12/23/14

Time

12:30
19:00

Laboratory Data

SDG ID: GBH57254
Phoenix ID: BH57263

Project ID: 25 KENT AVE BROOKLYN
Client ID: MW 5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.005	mg/L	12/29/14	EK	SW6010
Aluminum (Dissolved)	0.17	0.01	0.005	mg/L	12/29/14	EK	SW6010
Arsenic, (Dissolved)	0.004	* 0.003	0.001	mg/L	12/29/14	EK	SW6010
Barium (Dissolved)	0.097	0.011	0.001	mg/L	12/29/14	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Calcium (Dissolved)	45.5	0.11	0.032	mg/L	12/24/14	EK	SW6010
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	12/29/14	EK	SW6010
Cobalt, (Dissolved)	0.001	B 0.005	0.001	mg/L	12/29/14	EK	SW6010
Chromium (Dissolved)	0.003	0.001	0.001	mg/L	12/29/14	EK	SW6010
Copper, (Dissolved)	0.001	B* 0.005	0.001	mg/L	12/29/14	EK	SW6010
Iron, (Dissolved)	1.56	0.01	0.01	mg/L	12/29/14	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	12/24/14	MA	SW7470
Potassium (Dissolved)	63.9	1.1	1.1	mg/L	12/24/14	EK	SW6010
Magnesium (Dissolved)	118	0.11	0.011	mg/L	12/24/14	EK	SW6010
Manganese, (Dissolved)	0.170	0.005	0.001	mg/L	12/29/14	EK	SW6010
Sodium (Dissolved)	593	11	11	mg/L	12/29/14	EK	SW6010
Nickel, (Dissolved)	0.002	B 0.004	0.001	mg/L	12/29/14	EK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	12/29/14	EK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	12/29/14	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.004	mg/L	12/29/14	RS	7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	12/29/14	RS	7010
Vanadium, (Dissolved)	0.013	0.011	0.001	mg/L	12/29/14	EK	SW6010
Zinc, (Dissolved)	0.006	B 0.011	0.001	mg/L	12/29/14	EK	SW6010
Filtration	Completed				12/23/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				12/24/14	I/I	SW7470
PCB Extraction (2 Liter)	Completed				12/23/14	LT	SW3510
Extraction for Pest (2 Liter)	Completed				12/23/14	LT	SW3510
Semi-Volatile Extraction	Completed				12/23/14	E/W/K	SW3520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				12/23/14	AG	SW846-3005
<u>Pesticides</u>							
4,4' -DDD	ND	0.030	0.030	ug/L	12/27/14	CE	SW8081
4,4' -DDE	ND	0.030	0.030	ug/L	12/27/14	CE	SW8081
4,4' -DDT	ND	0.030	0.030	ug/L	12/27/14	CE	SW8081
a-BHC	ND	0.050	0.050	ug/L	12/27/14	CE	SW8081
a-chlordane	ND	0.10	0.10	ug/L	12/27/14	CE	SW8081
Alachlor	ND	0.75	0.75	ug/L	12/27/14	CE	SW8081
Aldrin	ND	0.015	0.015	ug/L	12/27/14	CE	SW8081
b-BHC	ND	0.050	0.050	ug/L	12/27/14	CE	SW8081
Chlordane	ND	0.50	0.50	ug/L	12/27/14	CE	SW8081
d-BHC	ND	0.050	0.050	ug/L	12/27/14	CE	SW8081
Dieldrin	ND	0.015	0.015	ug/L	12/27/14	CE	SW8081
Endosulfan I	ND	0.10	0.10	ug/L	12/27/14	CE	SW8081
Endosulfan II	ND	0.10	0.10	ug/L	12/27/14	CE	SW8081
Endosulfan Sulfate	ND	0.10	0.10	ug/L	12/27/14	CE	SW8081
Endrin	ND	0.050	0.050	ug/L	12/27/14	CE	SW8081
Endrin Aldehyde	ND	0.10	0.10	ug/L	12/27/14	CE	SW8081
Endrin ketone	ND	0.10	0.10	ug/L	12/27/14	CE	SW8081
g-BHC (Lindane)	ND	0.050	0.050	ug/L	12/27/14	CE	SW8081
g-chlordane	ND	0.10	0.10	ug/L	12/27/14	CE	SW8081
Heptachlor	ND	0.050	0.050	ug/L	12/27/14	CE	SW8081
Heptachlor epoxide	ND	0.050	0.050	ug/L	12/27/14	CE	SW8081
Methoxychlor	ND	1.0	1.0	ug/L	12/27/14	CE	SW8081
Toxaphene	ND	2.5	2.5	ug/L	12/27/14	CE	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	Diluted Out			%	12/27/14	CE	SW8081
%TCMX (Surrogate Rec)	Diluted Out			%	12/27/14	CE	SW8081
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1260	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
<u>QA/QC Surrogates</u>							
% DCBP	45			%	12/26/14	KCA	30 - 150 %
% TCMX	73			%	12/26/14	KCA	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	5.0	0.95	ug/L	12/24/14	RM	SW8260
1,1,1-Trichloroethane	ND	5.0	0.95	ug/L	12/24/14	RM	SW8260
1,1,2,2-Tetrachloroethane	ND	5.0	0.75	ug/L	12/24/14	RM	SW8260
1,1,2-Trichloroethane	9.5	5.0	1.0	ug/L	12/24/14	RM	SW8260
1,1-Dichloroethane	ND	5.0	1.2	ug/L	12/24/14	RM	SW8260

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		5.0	1.2	ug/L	12/24/14	RM	SW8260	
1,1-Dichloropropene	ND		5.0	1.0	ug/L	12/24/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND		5.0	1.0	ug/L	12/24/14	RM	SW8260	B
1,2,3-Trichloropropane	ND		5.0	1.1	ug/L	12/24/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND		5.0	0.90	ug/L	12/24/14	RM	SW8260	B
1,2,4-Trimethylbenzene	ND		5.0	0.90	ug/L	12/24/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND		1.0	1.8	ug/L	12/24/14	RM	SW8260	
1,2-Dibromoethane	ND		1.0	1.0	ug/L	12/24/14	RM	SW8260	
1,2-Dichlorobenzene	ND		4.0	0.80	ug/L	12/24/14	RM	SW8260	
1,2-Dichloroethane	ND		1.0	1.0	ug/L	12/24/14	RM	SW8260	
1,2-Dichloropropane	ND		1.0	0.90	ug/L	12/24/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND		5.0	1.1	ug/L	12/24/14	RM	SW8260	
1,3-Dichlorobenzene	ND		3.0	0.95	ug/L	12/24/14	RM	SW8260	
1,3-Dichloropropane	ND		5.0	1.1	ug/L	12/24/14	RM	SW8260	
1,4-Dichlorobenzene	ND		5.0	0.95	ug/L	12/24/14	RM	SW8260	
2,2-Dichloropropane	ND		5.0	0.80	ug/L	12/24/14	RM	SW8260	
2-Chlorotoluene	ND		5.0	1.2	ug/L	12/24/14	RM	SW8260	
2-Hexanone	ND		5.0	1.4	ug/L	12/24/14	RM	SW8260	
2-Isopropyltoluene	9.2		5.0	1.1	ug/L	12/24/14	RM	SW8260	1
4-Chlorotoluene	ND		5.0	0.80	ug/L	12/24/14	RM	SW8260	
4-Methyl-2-pentanone	41		5.0	0.95	ug/L	12/24/14	RM	SW8260	
Acetone	27	S	25	1.6	ug/L	12/24/14	RM	SW8260	
Acrolein	ND		5.0	4.8	ug/L	12/24/14	RM	SW8260	
Acrylonitrile	ND		5.0	0.85	ug/L	12/24/14	RM	SW8260	
Benzene	350	D	28	7.6	ug/L	12/24/14	RM	SW8260	
Bromobenzene	ND		5.0	1.0	ug/L	12/24/14	RM	SW8260	
Bromochloromethane	ND		5.0	1.1	ug/L	12/24/14	RM	SW8260	
Bromodichloromethane	ND		5.0	0.80	ug/L	12/24/14	RM	SW8260	
Bromoform	ND		25	0.50	ug/L	12/24/14	RM	SW8260	
Bromomethane	ND		5.0	2.5	ug/L	12/24/14	RM	SW8260	
Carbon Disulfide	ND		5.0	1.2	ug/L	12/24/14	RM	SW8260	
Carbon tetrachloride	ND		5.0	1.2	ug/L	12/24/14	RM	SW8260	
Chlorobenzene	ND		5.0	1.0	ug/L	12/24/14	RM	SW8260	
Chloroethane	ND		5.0	1.2	ug/L	12/24/14	RM	SW8260	
Chloroform	ND		5.0	1.1	ug/L	12/24/14	RM	SW8260	
Chloromethane	1.4	J	5.0	1.1	ug/L	12/24/14	RM	SW8260	
cis-1,2-Dichloroethene	ND		5.0	1.2	ug/L	12/24/14	RM	SW8260	
cis-1,3-Dichloropropene	ND		1.0	0.75	ug/L	12/24/14	RM	SW8260	
Dibromochloromethane	ND		5.0	0.75	ug/L	12/24/14	RM	SW8260	
Dibromomethane	ND		5.0	1.2	ug/L	12/24/14	RM	SW8260	
Dichlorodifluoromethane	ND		5.0	1.3	ug/L	12/24/14	RM	SW8260	
Ethylbenzene	ND		5.0	0.95	ug/L	12/24/14	RM	SW8260	
Hexachlorobutadiene	ND		1.0	0.65	ug/L	12/24/14	RM	SW8260	
Isopropylbenzene	33		5.0	1.1	ug/L	12/24/14	RM	SW8260	
m&p-Xylene	ND		5.0	2.1	ug/L	12/24/14	RM	SW8260	
Methyl ethyl ketone	ND		5.0	2.5	ug/L	12/24/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	1.4	J	5.0	0.95	ug/L	12/24/14	RM	SW8260	
Methylene chloride	1.7	JS	5.0	0.80	ug/L	12/24/14	RM	SW8260	
Naphthalene	600	D	40	7.6	ug/L	12/24/14	RM	SW8260	B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Butylbenzene	27	5.0	1.1	ug/L	12/24/14	RM	SW8260
n-Propylbenzene	51	5.0	1.0	ug/L	12/24/14	RM	SW8260
o-Xylene	ND	5.0	2.3	ug/L	12/24/14	RM	SW8260
p-Isopropyltoluene	ND	5.0	1.1	ug/L	12/24/14	RM	SW8260
sec-Butylbenzene	22	5.0	1.1	ug/L	12/24/14	RM	SW8260
Styrene	ND	5.0	2.1	ug/L	12/24/14	RM	SW8260
tert-Butylbenzene	3.6	J 5.0	1.2	ug/L	12/24/14	RM	SW8260
Tetrachloroethene	ND	5.0	1.2	ug/L	12/24/14	RM	SW8260
Tetrahydrofuran (THF)	ND	25	2.6	ug/L	12/24/14	RM	SW8260
Toluene	1.6	J 5.0	1.0	ug/L	12/24/14	RM	SW8260
trans-1,2-Dichloroethene	ND	5.0	1.0	ug/L	12/24/14	RM	SW8260
trans-1,3-Dichloropropene	ND	1.0	0.70	ug/L	12/24/14	RM	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	2.3	ug/L	12/24/14	RM	SW8260
Trichloroethene	ND	5.0	0.90	ug/L	12/24/14	RM	SW8260
Trichlorofluoromethane	ND	5.0	1.2	ug/L	12/24/14	RM	SW8260
Trichlorotrifluoroethane	ND	5.0	1.2	ug/L	12/24/14	RM	SW8260
Vinyl chloride	ND	2.0	0.70	ug/L	12/24/14	RM	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101			%	12/24/14	RM	70 - 121 %
% Bromofluorobenzene	107			%	12/24/14	RM	59 - 113 %
% Dibromofluoromethane	102			%	12/24/14	RM	70 - 130 %
% Toluene-d8	99			%	12/24/14	RM	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	630	220	ug/L	12/29/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	630	190	ug/L	12/29/14	DD	SW 8270
1,2-Dichlorobenzene	ND	630	180	ug/L	12/29/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	630	200	ug/L	12/29/14	DD	SW 8270
1,3-Dichlorobenzene	ND	630	190	ug/L	12/29/14	DD	SW 8270
1,4-Dichlorobenzene	ND	630	190	ug/L	12/29/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	630	340	ug/L	12/29/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	630	200	ug/L	12/29/14	DD	SW 8270
2,4-Dichlorophenol	ND	630	220	ug/L	12/29/14	DD	SW 8270
2,4-Dimethylphenol	ND	630	160	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrophenol	ND	3100	440	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrotoluene	ND	630	250	ug/L	12/29/14	DD	SW 8270
2,6-Dinitrotoluene	ND	630	200	ug/L	12/29/14	DD	SW 8270
2-Chloronaphthalene	ND	630	180	ug/L	12/29/14	DD	SW 8270
2-Chlorophenol	ND	630	180	ug/L	12/29/14	DD	SW 8270
2-Methylnaphthalene	6000	630	190	ug/L	12/29/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	630	290	ug/L	12/29/14	DD	SW 8270
2-Nitroaniline	ND	3100	630	ug/L	12/29/14	DD	SW 8270
2-Nitrophenol	ND	630	400	ug/L	12/29/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	630	250	ug/L	12/29/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	1300	300	ug/L	12/29/14	DD	SW 8270
3-Nitroaniline	ND	3100	1400	ug/L	12/29/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	3100	670	ug/L	12/29/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	630	180	ug/L	12/29/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	630	220	ug/L	12/29/14	DD	SW 8270
4-Chloroaniline	ND	1300	290	ug/L	12/29/14	DD	SW 8270

Client ID: MW 5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Chlorophenyl phenyl ether	ND	630	210	ug/L	12/29/14	DD	SW 8270
4-Nitroaniline	ND	3100	210	ug/L	12/29/14	DD	SW 8270
4-Nitrophenol	ND	3100	280	ug/L	12/29/14	DD	SW 8270
Acenaphthene	ND	630	190	ug/L	12/29/14	DD	SW 8270
Acenaphthylene	ND	630	180	ug/L	12/29/14	DD	SW 8270
Acetophenone	ND	630	200	ug/L	12/29/14	DD	SW 8270
Aniline	ND	3100	1900	ug/L	12/29/14	DD	SW 8270
Anthracene	ND	630	210	ug/L	12/29/14	DD	SW 8270
Benz(a)anthracene	ND	630	210	ug/L	12/29/14	DD	SW 8270
Benzidine	ND	1300	370	ug/L	12/29/14	DD	SW 8270
Benzo(a)pyrene	ND	630	200	ug/L	12/29/14	DD	SW 8270
Benzo(b)fluoranthene	ND	630	210	ug/L	12/29/14	DD	SW 8270
Benzo(ghi)perylene	ND	630	200	ug/L	12/29/14	DD	SW 8270
Benzo(k)fluoranthene	ND	630	210	ug/L	12/29/14	DD	SW 8270
Benzoic acid	ND	3100	1300	ug/L	12/29/14	DD	SW 8270
Benzyl butyl phthalate	ND	630	160	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	630	170	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	630	170	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	630	170	ug/L	12/29/14	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	630	180	ug/L	12/29/14	DD	SW 8270
Carbazole	ND	3100	470	ug/L	12/29/14	DD	SW 8270
Chrysene	ND	630	210	ug/L	12/29/14	DD	SW 8270
Dibenz(a,h)anthracene	ND	630	200	ug/L	12/29/14	DD	SW 8270
Dibenzofuran	ND	630	180	ug/L	12/29/14	DD	SW 8270
Diethyl phthalate	ND	630	200	ug/L	12/29/14	DD	SW 8270
Dimethylphthalate	ND	630	190	ug/L	12/29/14	DD	SW 8270
Di-n-butylphthalate	ND	630	170	ug/L	12/29/14	DD	SW 8270
Di-n-octylphthalate	ND	630	160	ug/L	12/29/14	DD	SW 8270
Fluoranthene	ND	630	200	ug/L	12/29/14	DD	SW 8270
Fluorene	ND	630	210	ug/L	12/29/14	DD	SW 8270
Hexachlorobenzene	ND	630	180	ug/L	12/29/14	DD	SW 8270
Hexachlorobutadiene	ND	630	230	ug/L	12/29/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	630	190	ug/L	12/29/14	DD	SW 8270
Hexachloroethane	ND	630	190	ug/L	12/29/14	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	630	210	ug/L	12/29/14	DD	SW 8270
Isophorone	ND	630	180	ug/L	12/29/14	DD	SW 8270
Naphthalene	3100	630	180	ug/L	12/29/14	DD	SW 8270
Nitrobenzene	ND	630	220	ug/L	12/29/14	DD	SW 8270
N-Nitrosodimethylamine	ND	630	180	ug/L	12/29/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	630	200	ug/L	12/29/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	630	240	ug/L	12/29/14	DD	SW 8270
Pentachloronitrobenzene	ND	630	230	ug/L	12/29/14	DD	SW 8270
Pentachlorophenol	ND	630	240	ug/L	12/29/14	DD	SW 8270
Phenanthrene	ND	630	180	ug/L	12/29/14	DD	SW 8270
Phenol	ND	630	200	ug/L	12/29/14	DD	SW 8270
Pyrene	ND	630	220	ug/L	12/29/14	DD	SW 8270
Pyridine	ND	630	150	ug/L	12/29/14	DD	SW 8270

QA/QC Surrogates

% 2,4,6-Tribromophenol	Diluted Out		%	12/29/14	DD	19 - 122 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorobiphenyl	Diluted Out			%	12/29/14	DD	30 - 115 %
% 2-Fluorophenol	Diluted Out			%	12/29/14	DD	25 - 121 %
% Nitrobenzene-d5	Diluted Out			%	12/29/14	DD	23 - 120 %
% Phenol-d5	Diluted Out			%	12/29/14	DD	24 - 113 %
% Terphenyl-d14	Diluted Out			%	12/29/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Pesticide Comment:

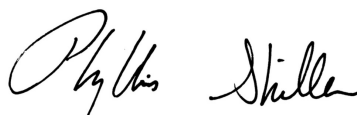
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

Semi-Volatile Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
Location Code: EBC
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: CU
Received by: SW
Analyzed by: see "By" below

Date

12/22/14 13:00
12/23/14 19:00

Time

Laboratory Data

SDG ID: GBH57254
Phoenix ID: BH57264

Project ID: 25 KENT AVE BROOKLYN
Client ID: GW DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005	0.005	0.005	mg/L	12/29/14	EK	SW6010
Aluminum (Dissolved)	0.02	0.01	0.005	mg/L	12/29/14	EK	SW6010
Arsenic, (Dissolved)	0.002 B*	0.003	0.001	mg/L	12/29/14	EK	SW6010
Barium (Dissolved)	0.222	0.011	0.001	mg/L	12/29/14	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Calcium (Dissolved)	182	0.11	0.032	mg/L	12/24/14	EK	SW6010 B
Cadmium (Dissolved)	< 0.004	0.004	0.0005	mg/L	12/29/14	EK	SW6010
Cobalt, (Dissolved)	0.003 B	0.005	0.001	mg/L	12/29/14	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	0.001	mg/L	12/29/14	EK	SW6010
Copper, (Dissolved)	< 0.005 *	0.005	0.001	mg/L	12/29/14	EK	SW6010
Iron, (Dissolved)	0.14	0.01	0.01	mg/L	12/29/14	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	0.00015	mg/L	12/24/14	MA	SW7470
Potassium (Dissolved)	22.3	1.1	1.1	mg/L	12/24/14	EK	SW6010
Magnesium (Dissolved)	24.2	0.11	0.011	mg/L	12/24/14	EK	SW6010
Manganese, (Dissolved)	2.26	0.053	0.011	mg/L	12/24/14	EK	SW6010
Sodium (Dissolved)	156	1.1	1.1	mg/L	12/24/14	EK	SW6010
Nickel, (Dissolved)	0.001 B	0.004	0.001	mg/L	12/29/14	EK	SW6010
Lead (Dissolved)	< 0.002	0.002	0.001	mg/L	12/29/14	EK	SW6010
Antimony, (Dissolved)	< 0.003	0.003	0.003	mg/L	12/29/14	RS	7010
Selenium, (Dissolved)	< 0.004	0.004	0.004	mg/L	12/29/14	RS	7010
Thallium , (Dissolved)	< 0.0005	0.0005	0.0005	mg/L	12/29/14	RS	7010
Vanadium, (Dissolved)	< 0.011	0.011	0.001	mg/L	12/29/14	EK	SW6010
Zinc, (Dissolved)	0.002 B	0.011	0.001	mg/L	12/29/14	EK	SW6010
Filtration	Completed				12/23/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed				12/24/14	I/I	SW7470
PCB Extraction (2 Liter)	Completed				12/23/14	LT	SW3510
Extraction for Pest (2 Liter)	Completed				12/23/14	LT	SW3510
Semi-Volatile Extraction	Completed				12/23/14	E/W/K	SW3520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dissolved Metals Preparation	Completed				12/23/14	AG	SW846-3005
<u>Pesticides</u>							
4,4' -DDD	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
4,4' -DDE	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
4,4' -DDT	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
a-BHC	ND	0.005	0.005	ug/L	12/26/14	CE	SW8081
a-chlordane	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
Alachlor	ND	0.075	0.075	ug/L	12/26/14	CE	SW8081
Aldrin	ND	0.002	0.002	ug/L	12/26/14	CE	SW8081
b-BHC	ND	0.005	0.005	ug/L	12/26/14	CE	SW8081
Chlordane	ND	0.050	0.050	ug/L	12/26/14	CE	SW8081
d-BHC	ND	0.005	0.005	ug/L	12/26/14	CE	SW8081
Dieldrin	ND	0.005	0.005	ug/L	12/26/14	CE	SW8081
Endosulfan I	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
Endosulfan II	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
Endosulfan Sulfate	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
Endrin	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
Endrin Aldehyde	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
Endrin ketone	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
g-BHC (Lindane)	ND	0.005	0.005	ug/L	12/26/14	CE	SW8081
g-chlordane	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
Heptachlor	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
Heptachlor epoxide	ND	0.010	0.010	ug/L	12/26/14	CE	SW8081
Methoxychlor	ND	0.10	0.10	ug/L	12/26/14	CE	SW8081
Toxaphene	ND	0.25	0.25	ug/L	12/26/14	CE	SW8081
<u>QA/QC Surrogates</u>							
%DCBP (Surrogate Rec)	32			%	12/26/14	CE	SW8081
%TCMX (Surrogate Rec)	79			%	12/26/14	CE	SW8081
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1221	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1232	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1242	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1248	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1254	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1260	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1262	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
PCB-1268	ND	0.050	0.050	ug/L	12/26/14	KCA	608/ 8082
<u>QA/QC Surrogates</u>							
% DCBP	38			%	12/26/14	KCA	30 - 150 %
% TCMX	70			%	12/26/14	KCA	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	12/24/14	RM	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	12/24/14	RM	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	12/24/14	RM	SW8260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	1.0	0.24	ug/L	12/24/14	RM	SW8260	
1,1-Dichloropropene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260	B
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	12/24/14	RM	SW8260	B
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	12/24/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	12/24/14	RM	SW8260	
1,2-Dibromoethane	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260	
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	12/24/14	RM	SW8260	
1,2-Dichloroethane	ND	0.60	0.20	ug/L	12/24/14	RM	SW8260	
1,2-Dichloropropane	ND	1.0	0.18	ug/L	12/24/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260	
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260	
1,3-Dichloropropane	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260	
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260	
2,2-Dichloropropane	ND	1.0	0.16	ug/L	12/24/14	RM	SW8260	
2-Chlorotoluene	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260	
2-Hexanone	ND	1.0	0.27	ug/L	12/24/14	RM	SW8260	
2-Isopropyltoluene	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260	1
4-Chlorotoluene	ND	1.0	0.16	ug/L	12/24/14	RM	SW8260	
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260	
Acetone	1.8	JS 5.0	0.31	ug/L	12/24/14	RM	SW8260	
Acrolein	ND	5.0	0.95	ug/L	12/24/14	RM	SW8260	
Acrylonitrile	ND	5.0	0.17	ug/L	12/24/14	RM	SW8260	
Benzene	ND	0.70	0.19	ug/L	12/24/14	RM	SW8260	
Bromobenzene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260	
Bromochloromethane	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260	
Bromodichloromethane	ND	1.0	0.16	ug/L	12/24/14	RM	SW8260	
Bromoform	ND	5.0	0.10	ug/L	12/24/14	RM	SW8260	
Bromomethane	ND	5.0	0.50	ug/L	12/24/14	RM	SW8260	
Carbon Disulfide	ND	1.0	0.24	ug/L	12/24/14	RM	SW8260	
Carbon tetrachloride	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260	
Chlorobenzene	ND	5.0	0.20	ug/L	12/24/14	RM	SW8260	
Chloroethane	ND	5.0	0.24	ug/L	12/24/14	RM	SW8260	
Chloroform	0.22	J 5.0	0.22	ug/L	12/24/14	RM	SW8260	
Chloromethane	0.39	J 5.0	0.21	ug/L	12/24/14	RM	SW8260	
cis-1,2-Dichloroethene	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260	
cis-1,3-Dichloropropene	ND	0.40	0.15	ug/L	12/24/14	RM	SW8260	
Dibromochloromethane	ND	1.0	0.15	ug/L	12/24/14	RM	SW8260	
Dibromomethane	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260	
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	12/24/14	RM	SW8260	
Ethylbenzene	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260	
Hexachlorobutadiene	ND	0.50	0.13	ug/L	12/24/14	RM	SW8260	
Isopropylbenzene	0.34	J 1.0	0.22	ug/L	12/24/14	RM	SW8260	
m&p-Xylene	ND	1.0	0.42	ug/L	12/24/14	RM	SW8260	
Methyl ethyl ketone	ND	1.0	0.50	ug/L	12/24/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	0.90	J 1.0	0.19	ug/L	12/24/14	RM	SW8260	
Methylene chloride	ND	3.0	0.16	ug/L	12/24/14	RM	SW8260	
Naphthalene	0.43	J 1.0	0.19	ug/L	12/24/14	RM	SW8260	B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
n-Butylbenzene	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260
n-Propylbenzene	0.39	J 1.0	0.20	ug/L	12/24/14	RM	SW8260
o-Xylene	ND	1.0	0.45	ug/L	12/24/14	RM	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260
sec-Butylbenzene	0.78	J 1.0	0.22	ug/L	12/24/14	RM	SW8260
Styrene	ND	1.0	0.41	ug/L	12/24/14	RM	SW8260
tert-Butylbenzene	0.72	J 1.0	0.23	ug/L	12/24/14	RM	SW8260
Tetrachloroethene	ND	1.0	0.24	ug/L	12/24/14	RM	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	12/24/14	RM	SW8260
Toluene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	12/24/14	RM	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	12/24/14	RM	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	12/24/14	RM	SW8260
Trichloroethene	ND	1.0	0.18	ug/L	12/24/14	RM	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	12/24/14	RM	SW8260
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100			%	12/24/14	RM	70 - 121 %
% Bromofluorobenzene	100			%	12/24/14	RM	59 - 113 %
% Dibromofluoromethane	98			%	12/24/14	RM	70 - 130 %
% Toluene-d8	101			%	12/24/14	RM	84 - 138 %

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
1,2-Dichlorobenzene	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
1,3-Dichlorobenzene	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
1,4-Dichlorobenzene	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	12/29/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
2-Chlorophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
2-Nitroaniline	ND	5.0	5.0	ug/L	12/29/14	DD	SW 8270
2-Nitrophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	12/29/14	DD	SW 8270
3-Nitroaniline	ND	5.0	5.0	ug/L	12/29/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
4-Chloroaniline	ND	3.5	2.3	ug/L	12/29/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Aniline	ND	3.5	5.0	ug/L	12/29/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Benzidine	ND	4.5	2.9	ug/L	12/29/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	12/29/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	12/29/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	12/29/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	12/29/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	12/29/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	12/29/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	12/29/14	DD	SW 8270
Phenol	ND	1.0	1.0	ug/L	12/29/14	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	12/29/14	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	12/29/14	DD	SW 8270
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	93			%	12/29/14	DD	19 - 122 %
% 2-Fluorobiphenyl	77			%	12/29/14	DD	30 - 115 %
% 2-Fluorophenol	56			%	12/29/14	DD	25 - 121 %
% Nitrobenzene-d5	66			%	12/29/14	DD	23 - 120 %
% Phenol-d5	54			%	12/29/14	DD	24 - 113 %
% Terphenyl-d14	64			%	12/29/14	DD	18 - 137 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	12/29/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	12/29/14	DD	SW8270 (SIM)
Benz(a)anthracene	0.16	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Benzo(a)pyrene	0.13	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	0.18	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	0.08	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	0.06	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	12/29/14	DD	SW8270 (SIM)
Chrysene	0.14	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	12/29/14	DD	SW8270 (SIM)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachloroethane	ND	0.50	0.50	ug/L	12/29/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	0.07	0.02	0.02	ug/L	12/29/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	12/29/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	12/29/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	12/29/14	DD	SW8270 (SIM)
Phenanthrene	0.35	0.10	0.10	ug/L	12/29/14	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	133			%	12/29/14	DD	15 - 110 % ³
% 2-Fluorobiphenyl	97			%	12/29/14	DD	30 - 115 %
% 2-Fluorophenol	80			%	12/29/14	DD	15 - 110 %
% Nitrobenzene-d5	97			%	12/29/14	DD	23 - 120 %
% Phenol-d5	88			%	12/29/14	DD	15 - 110 %
% Terphenyl-d14	106			%	12/29/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

3 = This parameter exceeds laboratory specified limits.

B* = Present in blank, a bias is possible.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Pesticide Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported.

Semi-Volatile Comment:

One of the surrogate recoveries was above the upper range due to sample matrix interference. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Phyllis Shiller, Laboratory Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 30, 2014

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
Location Code: EBC
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by: CU
Received by: SW
Analyzed by: see "By" below

Date

12/22/14
12/23/14

Time

0:00
19:00

Laboratory Data

SDG ID: GBH57254
Phoenix ID: BH57265

Project ID: 25 KENT AVE BROOKLYN
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	12/24/14	RM	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	12/24/14	RM	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	12/24/14	RM	SW8260
1,1-Dichloroethene	ND	1.0	0.24	ug/L	12/24/14	RM	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260 B
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	12/24/14	RM	SW8260 B
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	12/24/14	RM	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	12/24/14	RM	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	12/24/14	RM	SW8260
1,2-Dichloroethane	ND	0.60	0.20	ug/L	12/24/14	RM	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	12/24/14	RM	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260
1,3-Dichlorobenzene	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260
1,3-Dichloropropane	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260
1,4-Dichlorobenzene	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260
2,2-Dichloropropane	ND	1.0	0.16	ug/L	12/24/14	RM	SW8260
2-Chlorotoluene	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
2-Hexanone	ND	1.0	0.27	ug/L	12/24/14	RM	SW8260
2-Isopropyltoluene	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260 1
4-Chlorotoluene	ND	1.0	0.16	ug/L	12/24/14	RM	SW8260
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260

Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Acetone	2.4 JS	5.0	0.31	ug/L	12/24/14	RM	SW8260
Acrolein	ND	5.0	0.95	ug/L	12/24/14	RM	SW8260
Acrylonitrile	ND	5.0	0.17	ug/L	12/24/14	RM	SW8260
Benzene	ND	0.70	0.19	ug/L	12/24/14	RM	SW8260
Bromobenzene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
Bromochloromethane	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260
Bromodichloromethane	ND	1.0	0.16	ug/L	12/24/14	RM	SW8260
Bromoform	ND	5.0	0.10	ug/L	12/24/14	RM	SW8260
Bromomethane	ND	5.0	0.50	ug/L	12/24/14	RM	SW8260
Carbon Disulfide	ND	1.0	0.24	ug/L	12/24/14	RM	SW8260
Carbon tetrachloride	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
Chlorobenzene	ND	5.0	0.20	ug/L	12/24/14	RM	SW8260
Chloroethane	ND	5.0	0.24	ug/L	12/24/14	RM	SW8260
Chloroform	ND	5.0	0.22	ug/L	12/24/14	RM	SW8260
Chloromethane	0.54 J	5.0	0.21	ug/L	12/24/14	RM	SW8260
cis-1,2-Dichloroethene	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
cis-1,3-Dichloropropene	ND	0.40	0.15	ug/L	12/24/14	RM	SW8260
Dibromochloromethane	ND	1.0	0.15	ug/L	12/24/14	RM	SW8260
Dibromomethane	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	12/24/14	RM	SW8260
Ethylbenzene	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260
Hexachlorobutadiene	ND	1.0	0.13	ug/L	12/24/14	RM	SW8260
Isopropylbenzene	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260
m&p-Xylene	ND	1.0	0.42	ug/L	12/24/14	RM	SW8260
Methyl ethyl ketone	ND	1.0	0.50	ug/L	12/24/14	RM	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260
Methylene chloride	ND	3.0	0.16	ug/L	12/24/14	RM	SW8260
Naphthalene	ND	1.0	0.19	ug/L	12/24/14	RM	SW8260
n-Butylbenzene	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260
n-Propylbenzene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
o-Xylene	ND	1.0	0.45	ug/L	12/24/14	RM	SW8260
p-Isopropyltoluene	ND	1.0	0.21	ug/L	12/24/14	RM	SW8260
sec-Butylbenzene	ND	1.0	0.22	ug/L	12/24/14	RM	SW8260
Styrene	ND	1.0	0.41	ug/L	12/24/14	RM	SW8260
tert-Butylbenzene	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
Tetrachloroethene	ND	1.0	0.24	ug/L	12/24/14	RM	SW8260
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	12/24/14	RM	SW8260
Toluene	ND	1.0	0.20	ug/L	12/24/14	RM	SW8260
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	12/24/14	RM	SW8260
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	12/24/14	RM	SW8260
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	12/24/14	RM	SW8260
Trichloroethene	ND	1.0	0.18	ug/L	12/24/14	RM	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	12/24/14	RM	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	12/24/14	RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102			%	12/24/14	RM	70 - 121 %
% Bromofluorobenzene	101			%	12/24/14	RM	59 - 113 %
% Dibromofluoromethane	103			%	12/24/14	RM	70 - 130 %

B

1

Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	98			%	12/24/14	RM	84 - 138 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

TRIP BLANK INCLUDED.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

December 30, 2014

Reviewed and Released by: Phyllis Shiller, Laboratory Director

Sample Criteria Exceedences Report

Criteria: NY: GW

GBH57254 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH57254	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH57254	\$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	11	2.0	5	5	ug/L
BH57254	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57254	\$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	9.7	2.0	5	5	ug/L
BH57254	\$8260DP25R	1,2,4-Trimethylbenzene	NY / TOGS - Water Quality / GA Criteria	7.8	2.0	5	5	ug/L
BH57254	\$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	34	2.0	5	5	ug/L
BH57254	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57254	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.02	0.002	0.002	ug/L
BH57254	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BH57254	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BH57254	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BH57254	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BH57254	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BH57254	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BH57254	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BH57254	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
BH57254	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BH57254	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.02	0.02	0.002	0.002	ug/L
BH57254	\$DPPEST_GA	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.012	0.01	0.01	ug/L
BH57254	\$DPPEST_GA	Dieldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	0.065	0.008	0.01	0.01	ug/L
BH57254	\$DPPEST_GA	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	ug/L
BH57254	\$DPPEST_GA	Heptachlor	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	ug/L
BH57254	\$DPPEST_GA	Chlordane	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	ug/L
BH57254	\$DPPEST_GA	Chlordane	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.1	0.1	ug/L
BH57254	\$DPPEST_GA	4,4' -DDT	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.012	0.01	0.01	ug/L
BH57254	\$DPPEST_GA	4,4' -DDE	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.012	0.01	0.01	ug/L
BH57254	\$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	0.065	0.008	0.004	0.004	ug/L
BH57254	\$DPPEST_GA	a-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.025	0.01	0.01	ug/L
BH57254	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.06	0.06	ug/L
BH57254	\$DPPEST_GA	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.05	0.05	ug/L
BH57254	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	3.28	0.01	0.3	0.3	mg/L
BH57254	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2.24	0.053	0.3	0.3	mg/L
BH57254	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	120	1.1	20	20	mg/L
BH57255	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH57255	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57255	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57255	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BH57255	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BH57255	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BH57255	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BH57255	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBH57254 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH57255	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BH57255	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BH57255	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BH57255	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
BH57255	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BH57255	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BH57255	\$DPPEST_GA	Endrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	ug/L
BH57255	\$DPPEST_GA	Heptachlor	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	ug/L
BH57255	\$DPPEST_GA	Chlordane	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.1	0.1	ug/L
BH57255	\$DPPEST_GA	4,4' -DDT	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.012	0.01	0.01	ug/L
BH57255	\$DPPEST_GA	4,4' -DDE	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.012	0.01	0.01	ug/L
BH57255	\$DPPEST_GA	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.012	0.01	0.01	ug/L
BH57255	\$DPPEST_GA	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	ug/L
BH57255	\$DPPEST_GA	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.05	0.05	ug/L
BH57255	\$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND	0.008	0.004	0.004	ug/L
BH57255	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.06	0.06	ug/L
BH57255	\$DPPEST_GA	a-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.025	0.01	0.01	ug/L
BH57255	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.95	0.01	0.3	0.3	mg/L
BH57255	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	15.0	0.053	0.3	0.3	mg/L
BH57255	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	263	1.1	20	20	mg/L
BH57256	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH57256	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57256	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57256	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.23	0.02	0.002	0.002	ug/L
BH57256	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.24	0.02	0.002	0.002	ug/L
BH57256	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.12	0.02	0.002	0.002	ug/L
BH57256	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.21	0.02	0.002	0.002	ug/L
BH57256	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.30	0.02	0.002	0.002	ug/L
BH57256	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.11	0.02	0.002	0.002	ug/L
BH57256	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.11	0.02	0.002	0.002	ug/L
BH57256	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.23	0.02	0.002	0.002	ug/L
BH57256	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.30	0.02	0.002	0.002	ug/L
BH57256	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.24	0.02	0.002	0.002	ug/L
BH57256	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.12	0.02	0.002	0.002	ug/L
BH57256	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BH57256	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.37	0.01	0.3	0.3	mg/L
BH57256	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2.29	0.053	0.3	0.3	mg/L
BH57256	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	94.4	1.1	20	20	mg/L
BH57257	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH57257	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBH57254 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH57257	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57257	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BH57257	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.04	0.02	0.002	0.002	ug/L
BH57257	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.02	0.002	0.002	ug/L
BH57257	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.06	0.02	0.002	0.002	ug/L
BH57257	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.04	0.02	0.002	0.002	ug/L
BH57257	\$DP8270-SIMR	Benzo(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.06	0.02	0.002	0.002	ug/L
BH57257	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.06	0.02	0.002	0.002	ug/L
BH57257	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.02	0.02	0.002	0.002	ug/L
BH57257	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.04	0.02	0.002	0.002	ug/L
BH57257	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
BH57257	\$DP8270-SIMR	Benzo(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.06	0.02	0.002	0.002	ug/L
BH57257	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BH57257	\$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND	0.005	0.004	0.004	ug/L
BH57257	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2.26	0.053	0.3	0.3	mg/L
BH57257	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	161	1.1	20	20	mg/L
BH57258	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	9.9	0.70	0.7	0.7	ug/L
BH57258	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	9.9	0.70	1	1	ug/L
BH57258	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH57258	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57258	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57258	\$8270WMDPR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BH57258	\$8270WMDPR	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57258	\$8270WMDPR	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57258	\$8270WMDPR	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BH57258	\$8270WMDPR	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BH57258	\$8270WMDPR	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57258	\$8270WMDPR	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57258	\$8270WMDPR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
BH57258	\$8270WMDPR	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57258	\$8270WMDPR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	24	5.0	1	1	ug/L
BH57258	\$8270WMDPR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	24	5.0	5	5	ug/L
BH57258	\$8270WMDPR	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BH57258	\$8270WMDPR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57258	\$8270WMDPR	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BH57258	\$8270WMDPR	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH57258	\$8270WMDPR	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57258	\$8270WMDPR	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57258	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BH57258	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57258	\$8270WMDPR	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBH57254 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH57258	\$8270WMDPR	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BH57258	\$8270WMDPR	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BH57258	\$8270WMDPR	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BH57258	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BH57258	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BH57258	\$8270WMDPR	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BH57258	\$8270WMDPR	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BH57258	\$8270WMDPR	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BH57258	\$8270WMDPR	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BH57258	\$8270WMDPR	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BH57258	\$8270WMDPR	Hexachlorobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.35	0.35	ug/L
BH57258	\$8270WMDPR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L
BH57258	\$8270WMDPR	Pentachlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BH57258	\$8270WMDPR	Pentachlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57258	\$8270WMDPR	Benzidine	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH57258	\$8270WMDPR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57258	\$8270WMDPR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BH57258	\$8270WMDPR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57258	\$8270WMDPR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BH57258	\$8270WMDPR	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH57258	\$8270WMDPR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57258	\$8270WMDPR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BH57258	\$8270WMDPR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57258	\$8270WMDPR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BH57258	\$8270WMDPR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57258	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57258	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BH57258	\$DPPEST_GA	a-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.025	0.01	0.01	ug/L
BH57258	\$DPPEST_GA	Chlordane	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.1	0.1	ug/L
BH57258	\$DPPEST_GA	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.05	0.05	ug/L
BH57258	\$DPPEST_GA	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	0.020	0.012	0.01	0.01	ug/L
BH57258	\$DPPEST_GA	4,4' -DDE	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	0.026	0.012	0.01	0.01	ug/L
BH57258	\$DPPEST_GA	4,4' -DDT	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.012	0.01	0.01	ug/L
BH57258	\$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND	0.008	0.004	0.004	ug/L
BH57258	\$DPPEST_GA	Endrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	ug/L
BH57258	\$DPPEST_GA	Heptachlor	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	ug/L
BH57258	\$DPPEST_GA	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	ug/L
BH57258	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.06	0.06	ug/L
BH57258	DAS-WMDP	Arsenic, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.113	0.003	0.025	0.025	mg/L
BH57258	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	48.9	0.11	0.3	0.3	mg/L
BH57258	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	59.7	0.11	35	35	mg/L
BH57258	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2.20	0.053	0.3	0.3	mg/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBH57254 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH57258	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	106	1.1	20	20	mg/L
BH57259	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH57259	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57259	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57259	\$8270WMDPR	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BH57259	\$8270WMDPR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57259	\$8270WMDPR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57259	\$8270WMDPR	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BH57259	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BH57259	\$8270WMDPR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57259	\$8270WMDPR	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BH57259	\$8270WMDPR	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BH57259	\$8270WMDPR	Hexachlorobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.35	0.35	ug/L
BH57259	\$8270WMDPR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57259	\$8270WMDPR	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BH57259	\$8270WMDPR	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BH57259	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57259	\$8270WMDPR	Pentachlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BH57259	\$8270WMDPR	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BH57259	\$8270WMDPR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BH57259	\$8270WMDPR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57259	\$8270WMDPR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BH57259	\$8270WMDPR	Benzidine	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH57259	\$8270WMDPR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BH57259	\$8270WMDPR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BH57259	\$8270WMDPR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BH57259	\$8270WMDPR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L
BH57259	\$8270WMDPR	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57259	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BH57259	\$8270WMDPR	Pentachlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57259	\$8270WMDPR	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57259	\$8270WMDPR	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57259	\$8270WMDPR	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BH57259	\$8270WMDPR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
BH57259	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57259	\$8270WMDPR	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57259	\$8270WMDPR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57259	\$8270WMDPR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57259	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BH57259	\$8270WMDPR	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57259	\$8270WMDPR	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBH57254 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH57259	\$8270WMDPR	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57259	\$8270WMDPR	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH57259	\$8270WMDPR	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BH57259	\$8270WMDPR	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BH57259	\$8270WMDPR	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57259	\$8270WMDPR	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH57259	\$8270WMDPR	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BH57259	\$8270WMDPR	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BH57259	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BH57259	\$DPPEST_GA	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.012	0.01	0.01	ug/L
BH57259	\$DPPEST_GA	Endrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	ug/L
BH57259	\$DPPEST_GA	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	ug/L
BH57259	\$DPPEST_GA	Heptachlor	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	ug/L
BH57259	\$DPPEST_GA	4,4' -DDE	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.012	0.01	0.01	ug/L
BH57259	\$DPPEST_GA	4,4' -DDT	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.012	0.01	0.01	ug/L
BH57259	\$DPPEST_GA	Chlordane	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.1	0.1	ug/L
BH57259	\$DPPEST_GA	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.05	0.05	ug/L
BH57259	\$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND	0.008	0.004	0.004	ug/L
BH57259	\$DPPEST_GA	a-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.025	0.01	0.01	ug/L
BH57259	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.06	0.06	ug/L
BH57259	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.17	0.01	0.3	0.3	mg/L
BH57259	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	37.5	0.11	35	35	mg/L
BH57259	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.724	0.053	0.3	0.3	mg/L
BH57259	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	119	1.1	20	20	mg/L
BH57260	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH57260	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57260	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57260	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.46	0.02	0.002	0.002	ug/L
BH57260	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.36	0.02	0.002	0.002	ug/L
BH57260	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.14	0.02	0.002	0.002	ug/L
BH57260	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.17	0.02	0.002	0.002	ug/L
BH57260	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.40	0.02	0.002	0.002	ug/L
BH57260	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.32	0.02	0.002	0.002	ug/L
BH57260	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.40	0.02	0.002	0.002	ug/L
BH57260	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.17	0.02	0.002	0.002	ug/L
BH57260	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.36	0.02	0.002	0.002	ug/L
BH57260	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.46	0.02	0.002	0.002	ug/L
BH57260	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.14	0.02	0.002	0.002	ug/L
BH57260	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BH57260	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.15	0.01	0.1	0.1	mg/L
BH57260	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	33.6	1.1	20	20	mg/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBH57254 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH57261	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH57261	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57261	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57261	\$8270WMDPR	Pentachlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BH57261	\$8270WMDPR	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BH57261	\$8270WMDPR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57261	\$8270WMDPR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57261	\$8270WMDPR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57261	\$8270WMDPR	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BH57261	\$8270WMDPR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57261	\$8270WMDPR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57261	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57261	\$8270WMDPR	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BH57261	\$8270WMDPR	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BH57261	\$8270WMDPR	Hexachlorobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.35	0.35	ug/L
BH57261	\$8270WMDPR	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BH57261	\$8270WMDPR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BH57261	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BH57261	\$8270WMDPR	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BH57261	\$8270WMDPR	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BH57261	\$8270WMDPR	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH57261	\$8270WMDPR	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BH57261	\$8270WMDPR	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57261	\$8270WMDPR	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BH57261	\$8270WMDPR	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57261	\$8270WMDPR	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57261	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BH57261	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BH57261	\$8270WMDPR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57261	\$8270WMDPR	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57261	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57261	\$8270WMDPR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57261	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BH57261	\$8270WMDPR	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BH57261	\$8270WMDPR	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57261	\$8270WMDPR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
BH57261	\$8270WMDPR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L
BH57261	\$8270WMDPR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BH57261	\$8270WMDPR	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57261	\$8270WMDPR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BH57261	\$8270WMDPR	Benzidine	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBH57254 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH57261	\$8270WMDPR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BH57261	\$8270WMDPR	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BH57261	\$8270WMDPR	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BH57261	\$8270WMDPR	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BH57261	\$8270WMDPR	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH57261	\$8270WMDPR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BH57261	\$8270WMDPR	Pentachlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57261	\$8270WMDPR	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57261	\$DPPEST_GA	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.030	0.01	0.01	ug/L
BH57261	\$DPPEST_GA	Heptachlor	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01	ug/L
BH57261	\$DPPEST_GA	Dieldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	ug/L
BH57261	\$DPPEST_GA	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01	ug/L
BH57261	\$DPPEST_GA	Chlordane	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.50	0.1	0.1	ug/L
BH57261	\$DPPEST_GA	4,4' -DDE	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.030	0.01	0.01	ug/L
BH57261	\$DPPEST_GA	Endrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01	ug/L
BH57261	\$DPPEST_GA	Aldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.015	0.01	0.01	ug/L
BH57261	\$DPPEST_GA	4,4' -DDT	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	0.056	0.030	0.01	0.01	ug/L
BH57261	\$DPPEST_GA	Heptachlor epoxide	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.03	0.03	ug/L
BH57261	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.06	0.06	ug/L
BH57261	\$DPPEST_GA	Heptachlor	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.04	0.04	ug/L
BH57261	\$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND	0.025	0.004	0.004	ug/L
BH57261	\$DPPEST_GA	d-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.04	0.04	ug/L
BH57261	\$DPPEST_GA	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.05	0.05	ug/L
BH57261	\$DPPEST_GA	a-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.01	0.01	ug/L
BH57261	\$DPPEST_GA	b-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.04	0.04	ug/L
BH57261	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	45.3	0.11	35	35	mg/L
BH57261	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2.02	0.053	0.3	0.3	mg/L
BH57261	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	140	1.1	20	20	mg/L
BH57262	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	3300	140	0.7	0.7	ug/L
BH57262	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	3300	140	1	1	ug/L
BH57262	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH57262	\$8260DP25R	Ethylbenzene	NY / TAGM - Volatile Organics / Groundwater Standards	68	20	5	5	ug/L
BH57262	\$8260DP25R	Ethylbenzene	NY / TOGS - Water Quality / GA Criteria	68	20	5	5	ug/L
BH57262	\$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	10	2.0	5	5	ug/L
BH57262	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57262	\$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	5.2	2.0	5	5	ug/L
BH57262	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57262	\$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	58	2.0	5	5	ug/L
BH57262	\$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	58	2.0	10	10	ug/L
BH57262	\$8270WMDPR	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BH57262	\$8270WMDPR	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBH57254 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH57262	\$8270WMDPR	Hexachlorobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.35	0.35	ug/L
BH57262	\$8270WMDPR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57262	\$8270WMDPR	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BH57262	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57262	\$8270WMDPR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57262	\$8270WMDPR	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BH57262	\$8270WMDPR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57262	\$8270WMDPR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57262	\$8270WMDPR	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BH57262	\$8270WMDPR	Pentachlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BH57262	\$8270WMDPR	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	20	5.0	10	10	ug/L
BH57262	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BH57262	\$8270WMDPR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	30	5.0	1	1	ug/L
BH57262	\$8270WMDPR	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	25	5	5	ug/L
BH57262	\$8270WMDPR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	0.002	0.002	ug/L
BH57262	\$8270WMDPR	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	5.0	1	1	ug/L
BH57262	\$8270WMDPR	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	20	5.0	5	5	ug/L
BH57262	\$8270WMDPR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BH57262	\$8270WMDPR	Phenol	NY / TOGS - Water Quality / GA Criteria	30	5.0	1	1	ug/L
BH57262	\$8270WMDPR	Pentachlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57262	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BH57262	\$8270WMDPR	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57262	\$8270WMDPR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BH57262	\$8270WMDPR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
BH57262	\$8270WMDPR	Naphthalene	NY / TOGS - Water Quality / GA Criteria	20	5.0	10	10	ug/L
BH57262	\$8270WMDPR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L
BH57262	\$8270WMDPR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BH57262	\$8270WMDPR	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BH57262	\$8270WMDPR	Benzdine	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH57262	\$8270WMDPR	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57262	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57262	\$8270WMDPR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57262	\$8270WMDPR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57262	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BH57262	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BH57262	\$8270WMDPR	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57262	\$8270WMDPR	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57262	\$8270WMDPR	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BH57262	\$8270WMDPR	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BH57262	\$8270WMDPR	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BH57262	\$8270WMDPR	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57262	\$8270WMDPR	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBH57254 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH57262	\$8270WMDPR	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BH57262	\$8270WMDPR	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	25	1	1	ug/L
BH57262	\$8270WMDPR	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	25	5	5	ug/L
BH57262	\$8270WMDPR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.002	0.002	ug/L
BH57262	\$8270WMDPR	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BH57262	\$DPPEST_GA	4,4' -DDE	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.012	0.01	0.01	ug/L
BH57262	\$DPPEST_GA	Endrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	ug/L
BH57262	\$DPPEST_GA	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	ug/L
BH57262	\$DPPEST_GA	Heptachlor	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.025	0.01	0.01	ug/L
BH57262	\$DPPEST_GA	4,4' -DDT	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.012	0.01	0.01	ug/L
BH57262	\$DPPEST_GA	Chlordane	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.1	0.1	ug/L
BH57262	\$DPPEST_GA	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.012	0.01	0.01	ug/L
BH57262	\$DPPEST_GA	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.05	0.05	ug/L
BH57262	\$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND	0.008	0.004	0.004	ug/L
BH57262	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	1.3	0.06	0.06	ug/L
BH57262	\$DPPEST_GA	a-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.030	0.01	0.01	ug/L
BH57262	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	38.8	0.11	35	35	mg/L
BH57262	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.357	0.005	0.3	0.3	mg/L
BH57262	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	119	1.1	20	20	mg/L
BH57263	\$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	350	28	0.7	0.7	ug/L
BH57263	\$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	350	28	1	1	ug/L
BH57263	\$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.6	0.6	ug/L
BH57263	\$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L
BH57263	\$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.4	0.4	ug/L
BH57263	\$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	9.5	5.0	1	1	ug/L
BH57263	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH57263	\$8260DP25R	Isopropylbenzene	NY / TOGS - Water Quality / GA Criteria	33	5.0	5	5	ug/L
BH57263	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L
BH57263	\$8260DP25R	n-Propylbenzene	NY / TOGS - Water Quality / GA Criteria	51	5.0	5	5	ug/L
BH57263	\$8260DP25R	sec-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	22	5.0	5	5	ug/L
BH57263	\$8260DP25R	2-Isopropyltoluene	NY / TOGS - Water Quality / GA Criteria	9.2	5.0	5	5	ug/L
BH57263	\$8260DP25R	n-Butylbenzene	NY / TOGS - Water Quality / GA Criteria	27	5.0	5	5	ug/L
BH57263	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57263	\$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.5	0.5	ug/L
BH57263	\$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	600	40	5	5	ug/L
BH57263	\$8260DP25R	Naphthalene	NY / TOGS - Water Quality / GA Criteria	600	40	10	10	ug/L
BH57263	\$8270WMDPR	Naphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	3100	630	10	10	ug/L
BH57263	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	0.002	0.002	ug/L
BH57263	\$8270WMDPR	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	1300	5	5	ug/L
BH57263	\$8270WMDPR	4-Chloro-3-methylphenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	5	5	ug/L
BH57263	\$8270WMDPR	Isophorone	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	50	50	ug/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBH57254 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH57263	\$8270WMDPR	Benzyl butyl phthalate	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	3100	5	5	ug/L
BH57263	\$8270WMDPR	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	3100	5	5	ug/L
BH57263	\$8270WMDPR	2-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	5	5	ug/L
BH57263	\$8270WMDPR	Di-n-octylphthalate	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	3100	5	5	ug/L
BH57263	\$8270WMDPR	Acenaphthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	20	20	ug/L
BH57263	\$8270WMDPR	Acenaphthylene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	20	20	ug/L
BH57263	\$8270WMDPR	Nitrobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	5	5	ug/L
BH57263	\$8270WMDPR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	0.002	0.002	ug/L
BH57263	\$8270WMDPR	Anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	Hexachlorobenzene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	0.35	0.35	ug/L
BH57263	\$8270WMDPR	Benzo(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	0.002	0.002	ug/L
BH57263	\$8270WMDPR	Benzo(ghi)perylene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	5	5	ug/L
BH57263	\$8270WMDPR	Fluorene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	0.002	0.002	ug/L
BH57263	\$8270WMDPR	Fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	2,6-Dinitrotoluene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	5	5	ug/L
BH57263	\$8270WMDPR	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	1	1	ug/L
BH57263	\$8270WMDPR	Dimethylphthalate	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	Dibenz(a,h)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	Diethyl phthalate	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	3100	5	5	ug/L
BH57263	\$8270WMDPR	Dibenzofuran	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	5	5	ug/L
BH57263	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	1	1	ug/L
BH57263	\$8270WMDPR	Pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	0.002	0.002	ug/L
BH57263	\$8270WMDPR	Phenanthrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	Pentachlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	1	1	ug/L
BH57263	\$8270WMDPR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	0.002	0.002	ug/L
BH57263	\$8270WMDPR	Di-n-butylphthalate	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	2-Chlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	Bis(2-ethylhexyl)phthalate	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	2-Methylnaphthalene	NY / TAGM - Semi-Volatiles / Groundwater Standards	6000	630	50	50	ug/L
BH57263	\$8270WMDPR	2-Methylphenol (o-cresol)	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	5	5	ug/L
BH57263	\$8270WMDPR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	630	1	1	ug/L
BH57263	\$8270WMDPR	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	3100	5	5	ug/L
BH57263	\$8270WMDPR	Benzoic acid	NY / TAGM - Volatile Organics / Groundwater Standards	ND	3100	50	50	ug/L
BH57263	\$8270WMDPR	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	3100	630	5	5	ug/L
BH57263	\$8270WMDPR	Di-n-butylphthalate	NY / TOGS - Water Quality / GA Criteria	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	Di-n-octylphthalate	NY / TOGS - Water Quality / GA Criteria	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	Dimethylphthalate	NY / TOGS - Water Quality / GA Criteria	ND	630	50	50	ug/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBH57254 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH57263	\$8270WMDPR	Isophorone	NY / TOGS - Water Quality / GA Criteria	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	630	1	1	ug/L
BH57263	\$8270WMDPR	Pyrene	NY / TOGS - Water Quality / GA Criteria	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	630	1	1	ug/L
BH57263	\$8270WMDPR	Phenanthrene	NY / TOGS - Water Quality / GA Criteria	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	Pentachlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	630	1	1	ug/L
BH57263	\$8270WMDPR	N-Nitrosodiphenylamine	NY / TOGS - Water Quality / GA Criteria	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	Pyridine	NY / TOGS - Water Quality / GA Criteria	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	Naphthalene	NY / TOGS - Water Quality / GA Criteria	3100	630	10	10	ug/L
BH57263	\$8270WMDPR	Fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	630	0.002	0.002	ug/L
BH57263	\$8270WMDPR	Hexachloroethane	NY / TOGS - Water Quality / GA Criteria	ND	630	5	5	ug/L
BH57263	\$8270WMDPR	Hexachlorocyclopentadiene	NY / TOGS - Water Quality / GA Criteria	ND	630	5	5	ug/L
BH57263	\$8270WMDPR	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	630	0.5	0.5	ug/L
BH57263	\$8270WMDPR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	630	0.04	0.04	ug/L
BH57263	\$8270WMDPR	Fluorene	NY / TOGS - Water Quality / GA Criteria	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	630	0.4	0.4	ug/L
BH57263	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	3100	1	1	ug/L
BH57263	\$8270WMDPR	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	3100	5	5	ug/L
BH57263	\$8270WMDPR	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	1300	5	5	ug/L
BH57263	\$8270WMDPR	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	630	1	1	ug/L
BH57263	\$8270WMDPR	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	3100	5	5	ug/L
BH57263	\$8270WMDPR	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	630	1	1	ug/L
BH57263	\$8270WMDPR	2,6-Dinitrotoluene	NY / TOGS - Water Quality / GA Criteria	ND	630	5	5	ug/L
BH57263	\$8270WMDPR	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	3100	1	1	ug/L
BH57263	\$8270WMDPR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	3100	5	5	ug/L
BH57263	\$8270WMDPR	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	630	1	1	ug/L
BH57263	\$8270WMDPR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	630	5	5	ug/L
BH57263	\$8270WMDPR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	630	5	5	ug/L
BH57263	\$8270WMDPR	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	630	1	1	ug/L
BH57263	\$8270WMDPR	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	630	1	1	ug/L
BH57263	\$8270WMDPR	Diethyl phthalate	NY / TOGS - Water Quality / GA Criteria	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	630	1	1	ug/L
BH57263	\$8270WMDPR	2,4-Dinitrotoluene	NY / TOGS - Water Quality / GA Criteria	ND	630	5	5	ug/L
BH57263	\$8270WMDPR	Benzyl butyl phthalate	NY / TOGS - Water Quality / GA Criteria	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	630	0.002	0.002	ug/L
BH57263	\$8270WMDPR	Bis(2-ethylhexyl)phthalate	NY / TOGS - Water Quality / GA Criteria	ND	630	5	5	ug/L
BH57263	\$8270WMDPR	2-Chloronaphthalene	NY / TOGS - Water Quality / GA Criteria	ND	630	10	10	ug/L
BH57263	\$8270WMDPR	Bis(2-chloroethoxy)methane	NY / TOGS - Water Quality / GA Criteria	ND	630	5	5	ug/L
BH57263	\$8270WMDPR	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	630	1	1	ug/L
BH57263	\$8270WMDPR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	630	0.002	0.002	ug/L
BH57263	\$8270WMDPR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	630	0.002	0.002	ug/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBH57254 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH57263	\$8270WMDPR	Benidine	NY / TOGS - Water Quality / GA Criteria	ND	1300	5	5	ug/L
BH57263	\$8270WMDPR	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	3100	5	5	ug/L
BH57263	\$8270WMDPR	Anthracene	NY / TOGS - Water Quality / GA Criteria	ND	630	50	50	ug/L
BH57263	\$8270WMDPR	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	3100	5	5	ug/L
BH57263	\$8270WMDPR	Acenaphthene	NY / TOGS - Water Quality / GA Criteria	ND	630	20	20	ug/L
BH57263	\$8270WMDPR	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	3100	1	1	ug/L
BH57263	\$8270WMDPR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	630	0.002	0.002	ug/L
BH57263	\$8270WMDPR	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	630	1	1	ug/L
BH57263	\$8270WMDPR	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	1300	5	5	ug/L
BH57263	\$DPPEST_GA	Dieldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.015	0.01	0.01	ug/L
BH57263	\$DPPEST_GA	Heptachlor	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01	ug/L
BH57263	\$DPPEST_GA	Chlordane	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.50	0.1	0.1	ug/L
BH57263	\$DPPEST_GA	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01	ug/L
BH57263	\$DPPEST_GA	Aldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.015	0.01	0.01	ug/L
BH57263	\$DPPEST_GA	4,4' -DDE	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.030	0.01	0.01	ug/L
BH57263	\$DPPEST_GA	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.030	0.01	0.01	ug/L
BH57263	\$DPPEST_GA	4,4' -DDT	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.030	0.01	0.01	ug/L
BH57263	\$DPPEST_GA	Endrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01	ug/L
BH57263	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	2.5	0.06	0.06	ug/L
BH57263	\$DPPEST_GA	Heptachlor	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.04	0.04	ug/L
BH57263	\$DPPEST_GA	Heptachlor epoxide	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.03	0.03	ug/L
BH57263	\$DPPEST_GA	d-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.04	0.04	ug/L
BH57263	\$DPPEST_GA	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.05	0.05	ug/L
BH57263	\$DPPEST_GA	b-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.04	0.04	ug/L
BH57263	\$DPPEST_GA	a-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.01	0.01	ug/L
BH57263	\$DPPEST_GA	Alachlor	NY / TOGS - Water Quality / GA Criteria	ND	0.75	0.5	0.5	ug/L
BH57263	\$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND	0.015	0.004	0.004	ug/L
BH57263	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.17	0.01	0.1	0.1	mg/L
BH57263	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.56	0.01	0.3	0.3	mg/L
BH57263	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	118	0.11	35	35	mg/L
BH57263	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	593	11	20	20	mg/L
BH57264	\$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BH57264	\$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57264	\$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BH57264	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.06	0.02	0.002	0.002	ug/L
BH57264	\$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.16	0.02	0.002	0.002	ug/L
BH57264	\$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.14	0.02	0.002	0.002	ug/L
BH57264	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.07	0.02	0.002	0.002	ug/L
BH57264	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.18	0.02	0.002	0.002	ug/L
BH57264	\$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.13	0.02	0.002	0.002	ug/L
BH57264	\$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.18	0.02	0.002	0.002	ug/L

Sample Criteria Exceedences Report

Criteria: NY: GW

GBH57254 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BH57264	\$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.06	0.02	0.002	0.002	ug/L
BH57264	\$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.14	0.02	0.002	0.002	ug/L
BH57264	\$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.07	0.02	0.002	0.002	ug/L
BH57264	\$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.16	0.02	0.002	0.002	ug/L
BH57264	\$DPPEST_GA	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND	0.005	0.004	0.004	ug/L
BH57264	\$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BH57264	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2.26	0.053	0.3	0.3	mg/L
BH57264	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	156	1.1	20	20	mg/L

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



NY Temperature Narration

December 30, 2014

SDG I.D.: GBH57254

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax: (860) 645-0823

Customer: DBL
Address: 1808 Middle Country Rd
Ridge NY
Project: 25 Kent Ave Brooklyn
Report to: SBC
Invoice to: SBC
Client Services (860) 645-8726
Project P.O.: CS&S, K&D, Inc in city of

Contact Options:

☐ Fax
☐ Phone
☒ Email

This section MUST be completed with Bottle Quantities.

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request	Turnaround:	NY	Data Format
57253	MW2	GW	12-22	8:00	X	1 Day*	☒ TAGM 4046 GW	☐ Phoenix Std Report
57254	MW3			8:30	X	2 Days*	☐ TAGM 4046 SOIL	☒ Excel
57255	MW4			9:00		3 Days*	☐ NY375 Unrestricted Use Soil	☒ PDF
57256	MW7			9:30		4-5 Days	☐ NY375 Residential Soil	☐ GIS Key
57257	MW8			1:00		10 Days	☐ Restricted/Residential Commercial	☐ EQUIS
57258	MW9			1:30		Other*	☐ NY Hazmat EDO	☐ NY EZ EDO (ASP)
57259	MW10			11:00			☐ Commercial	☐ Other
57260	MW6			11:30			☐ Industrial	
57261	MW1			12:00				
57262	MW5			12:30				
57263	GW Duplicate			1:30				

Relinquished by: [Signature] Date: 12-23-14 Time: 9:35

Comments: Special Requirements or Regulations:
Run MW7 as MS/MSD
Rush due Monday per client. 12-23-14

State where samples were collected: NY

Data Package:
☐ Reduced Data
☒ Full Data (ASP/B)

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Email: info@phoenixlabs.com Fax (860) 645-0823
 Client Services (860) 645-8726

Customer: EBL Project: 25 Kent Ave. Brooklyn Project P.O.: EBL
 Address: EBL Report to: EBL Invoice to: EBL

This section MUST be completed with Bottle Quantities.

Sampler's Signature	Client Sample Information - Identification	Analysis Request
<u>[Signature]</u>	<u>[Signature]</u> Date: <u>12-22-14</u>	<u>1705-895201</u>
Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe OIL=Oil B=Bulk L=Liquid	Sample Date Sampled Time Sampled Customer Sample Identification Matrix <u>57265</u> <u>Tr. y Blank</u> <u>TB</u> <u>12-22-14</u>	
PHOENIX USE ONLY SAMPLE #		

Relinquished by: [Signature] Account # [Signature] Date: 12-23-14 Time: 9:15

Comments, Special Requirements or Regulations:
Rush due Monday per client
12-23-14 (2)

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ 5 Days
☐ 10 Days
☐ Other: APPLIES

NJ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY TADM 4046 GW
☒ TADM 4046 SOIL
☐ NY375 Unrestricted Use Soil
☐ NY375 Residential Soil
☐ Restricted Residential Commercial
☐ Industrial

Data Format
☒ Phoenix Std Report
☒ Excel
☒ PDF
☐ GIS/Key
☐ EQUIS
☐ NJ Hazmat EDD
☒ NY EZ EDD (ASP)
☐ Other

Data Package
☒ NJ Reduced Delay
☒ NY Enhanced (ASP 5)
☐ Other

State where samples were collected: NJ

APPENDIX - F
Data Usability Reports
(to be forwarded upon receipt)