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Remedial Investigation Report

Concourse Village West Apartments
Bronx, New York
NYSDEC BCP Site no. N/A
NYCOER # 17TMP0430X, 17TMP0429X

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May 2017
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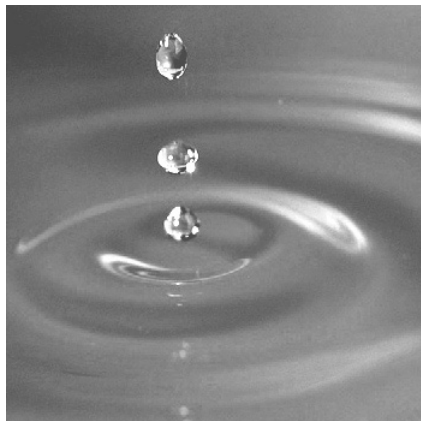


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Acronyms and Abbreviations

AWQS	Ambient Water Quality Standards
BCP	Brownfield Cleanup Program
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
COC	Contaminant of Concern
EFR	Enhanced Fluid Recovery
ELAP	Environmental Laboratory Accreditation Program
GEI	GEI Consultants, Inc., P. C.
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
HREC	Historical Recognized Environmental Condition
LDPE	Low-Density Polyethylene
MGP	Manufactured Gas Plant
NYCOER	New York Code Office of Environmental Remediation
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OSHA	Occupational Safety and Health Administration
PAHs	Polycyclic Aromatic Hydrocarbons
PBS	Petroleum Bulk Storage
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethene
PID	Photoionization Detector
PVC	Polyvinyl Chloride
QA/QC	Quality Assurance/Quality Control
QEP	Qualified Environmental Professionals
QHHEA	Qualitative Human Health Exposure Assessment
RAWP	Remedial Action Work Plan
REC	Recognized Environmental Condition
RI	Remedial Investigation
RIR	Remedial Investigation Report
SCA	New York City School Construction Authority
SCGs	Standards, Criteria and Guidance
SCOs	Soil Cleanup Objectives
SV	Soil Vapor
SVOCs	Semi-Volatile Organic Compounds
TAL	Total Analyte List
TOGS	Technical and Operational Guidance Series
USTs	Underground Storage Tanks

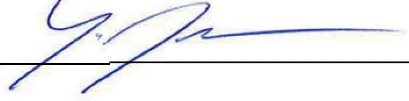
USEPA	United States Environmental Protection Agency
USGS	United States Geologic Survey
VOCs	Volatile Organic Compounds
York	York Analytical Laboratories

MEASUREMENTS

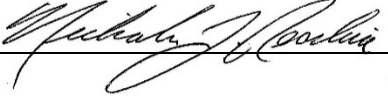
ft bgs	feet below ground surface
L/min	Liter per minute
mg/Kg	milligram per kilogram
NTUs	Nephelometric Turbidity Units
ppm	parts-per-million
µg/L	micrograms per liter
µg/m ³	microgram per cubic meter

Certification

I, Nicholas J. Recchia, certify that I am currently a Qualified Environmental Professional, as defined in 6 NYCRR Part 375 and that this 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 plan and any DER-approved modifications.

<u>Thomas H. Johansen</u>	<u>04/28/17</u>	
Qualified Environmental Professional	Date	Signature

Reviewed by:

<u>Nicholas J. Recchia</u>	<u>04/28/17</u>	
Qualified Environmental Professional	Date	Signature

Executive Summary

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

Concourse Village West is applying (as a Volunteer) to enter the Site into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP). While all three tax lots are located on Tax Block 2485, only lots 13 and 49 are contiguous. Therefore, two separate BCP Applications have been prepared for the Site. For convenience and as agreed to during the pre-application meeting with the NYSDEC, both BCP Applications are utilizing this RI and Remedial Action Work Plan (RAWP) to support eligibility into the NYSDEC BCP. Accordingly, the portions of the RI and RAWP pertaining to 180 East 156th Street (Block 2485, Lot 35) will be used to support the Application for Concourse Village West Apartments – NORTH, and the portions of the RI and RAWP pertaining to 702 Grand Concourse, and 729 Concourse Village West (Block 2485, Lots 13 and 49) will be used to support the Application for Concourse Village West Apartments – SOUTH.

Site Location and Description

The non-contiguous property is located in the Bronx and occupies three New York City Tax Lots (Block 2485; Lots 35, 13, and 49) with the following addresses, respectively: 180 East 156th Street, 702 Grand Concourse, and 729 Concourse Village West located in the Bronx, New York. Lot 13 abuts Lot 49 on the southern end of the block, and Lot 35 is located on the northeast corner of the block. For purposes of this report and BCP Applications the Site is broken up into two sections known as Concourse Village West Apartments North (180 East 156th Street) and Concourse Village West Apartments South (702 Grand Concourse and 729 Concourse Village West). The three tax lots (35, 49, and 13) have a total square footage of 42,968 square feet. Lot 35 is approximately 15,597 square feet in area and is rectangular in shape. A 2-story masonry and wood framed commercial building is located on the northwest corner of the site. The first floor of the building contains a five bay auto service repair garage. The second floor of the building contains a retail coin-operated laundromat. The remainder of the property is occupied by an attendant parking lot with aboveground steel framed auto lifts located along the eastern and western boundaries of the site. Lot 49 is approximately 20,586 square feet in area and is utilized for an attendant parking lot. Lot 13 is approximately 13,801 square feet in area and is also occupied by an attendant parking lot. Please see **Figure 2** for the Site Location Map for the site boundaries.

Contemplated Redevelopment Plan

The proposed development plan for the project site is to construct three buildings on Lots 35, 49, and 13.

Lot 35

The proposed building on Lot 35 will be a 10-story building with below grade parking, a first floor utilized for retail space, a recreation room and laundry room with a residential lobby fronting along Concourse Village West and approximately 6,000 square feet of open space in the rear of the property. The remaining floors will be utilized for residential purposes. The cellar will occupy 15,597 square feet and will encompass the entire lot. The majority of the space will be utilized for below grade parking (10,872 square feet). There will be a central location housing utilized for the mechanical rooms and will require excavation to a depth of 14 feet across the site. The building will contain 120 residential units.

Lot 49

The proposed building for Lot 49 will be an 11-story mixed-use building. As with the building on Lot 35 this building will have below grade parking, a first floor community center (8,033 square feet) with a recreation room (1,994 square feet) with the remaining floors utilized for apartments. The cellar will contain 7,690 square feet of parking with 3,186 square feet of dedicated area for the mechanical room. The cellar will be excavated to 14 feet below grade surface (ft bgs). The building will contain 98 residential units and will have an area of 59,582 gross square feet.

Lot 13

The proposed building on Lot 13 will be a 14-story apartment building with a partial cellar. The cellar will be excavated to 11 ft bgs and will maintain 2,479 square feet of area for utilities and mechanical rooms. There will be 2,080 square feet of open space on the east side of the property. No commercial usage is intended for this building. The building will contain 49 residential units and will have an area of 36,068 gross square feet.

Summary of Environmental Findings

Soil/fill samples collected during both Phase II remedial investigations were compared to Title 6 of the Official Compilation of New York Codes, Rules and Regulations Part 375 (6 NYCRR Part 375) Unrestricted Use and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCOs).

Soils for Lot 35:

- The VOC, 1,4-Dioxane was detected at a maximum concentration of 0.48 milligrams per kilograms (mg/Kg); in B-18 (6-8'); which is above Unrestricted Use SCO but below Restricted Residential Use SCO. Acetone was detected at multiple depths to maximum of 1.0 mg/Kg (B-15 at 6' to 8'). No other volatile organic compounds (VOCs) were detected in soil samples;
- Semi-volatile organic compounds (SVOCs) including benzo(a)anthracene (maximum 27.1 mg/Kg) in B-15 (at 14' to 16'); benzo(a)pyrene (maximum 4.9 mg/Kg in B15 at 14' to 16'); benzo(b)fluoranthene (maximum 6.4 mg/Kg); chrysene (maximum 18.3 mg/Kg); dibenzo(a,h)anthracene (maximum 2.3 mg/Kg); indeno(1,2,3-cd)pyrene (maximum 3.9 mg/Kg) and benzo(k)fluoranthene (maximum 5.9 mg/Kg) were detected above Restricted Residential Use SCOs;
- No Pesticides or Polychlorinated Biphenyls (PCBs) were detected at levels above Unrestricted Use SCOs or Restricted Residential Use SCOs;
- The metals Barium (maximum 2,040 mg/Kg in B19 at 6' to 8'); Copper (maximum 1,460 mg/Kg in B-18 at 14' to 16'), Lead (at 2,790 mg/Kg B-18 at 14' to 16', at 1520 mg/Kg in B13 at 6' to 8' and at 1660 mg/Kg in B17 at 14' to 16' depths, and Mercury (maximum 2.87 mg/Kg in B13 at 6' to 8') were detected above the Restricted Residential Use SCOs. The metals Nickel (maximum 33.8 mg/Kg), Selenium (maximum 30 mg/Kg), and Zinc (maximum 465 mg/Kg) were detected at levels above Unrestricted Use SCOs; and
- Overall, elevated metals were detected widespread in all samples at various depths. Elevated SVOCs were detected in boring B-15 at 14 feet to 16 foot depths.

Soils for Lot(s) 13 and 49:

- The VOC, Acetone was detected at multiple depths exceeding Unrestricted Use SCOs. No other VOCs were detected in the samples collected for analysis.
- SVOCs including benzo(a)anthracene (maximum 22.6 mg/Kg); benzo(a)pyrene (maximum 20.8 mg/Kg); benzo(b)fluoranthene (maximum 21.3 mg/Kg); benzo(k)fluoranthene (maximum 25.5 mg/Kg); chrysene (maximum 24.9 mg/Kg); dibenzo(a,h)anthracene (maximum 6.8 mg/Kg); Indeno(1,2,3-cd)pyrene (maximum 8.09 mg/Kg) exceeded Restricted Residential Use SCOs. Highest concentrations of SVOCs were detected in B-11 at 6' to 8' depth. Other locations with high SVOCs included borings at B4 (0' to 2'), B-4 at 14' to 16', B-11 at 6' to 8' and B-22 at 6' to 8' depths.

- No Pesticides were detected at levels above Unrestricted Use SCOs or Restricted Residential Use SCOs. Total PCBs were detected above Unrestricted Use SCOs at a concentration of 0.29 mg/Kg.
- The metals Barium (maximum 647 mg/Kg in B-10 at 0' to 2'); Copper (maximum 476 mg/Kg in B-10 at 0' to 2'), Lead (maximum 2,250 mg/Kg B-10 at 0-2', and Mercury (maximum 3.1 mg/Kg in B-21 at 0' to 2') were detected above the Restricted Residential Use SCOs. The metals Nickel (maximum 33.8 mg/Kg), Selenium (maximum 5.39 mg/Kg), and Zinc (maximum 716 mg/Kg) were detected at levels above Unrestricted Use SCOs. Elevated metals were in detected in borings B-3, B-4 (14' to 16'), B-10 (0' to 2').

Groundwater:

- Groundwater detected several VOCs and SVOC compounds at concentrations exceeding their respective Ambient Water Quality Standards (AWQS) micrograms per liter [$\mu\text{g/L}$]; manganese (5,270 $\mu\text{g/L}$); selenium (48 $\mu\text{g/L}$); and Sodium (200,000 $\mu\text{g/L}$) exceeded their respective AWQS in dissolved groundwater samples.

Soil Vapor:

- Soil vapor samples collected during the investigation were reviewed against the soil vapor/indoor air Matrix 1 and Matrix 2 in the New York State Department of Health (NYSDOH) Soil Vapor Decision Matrices.

Soil Vapor at Lot 35:

- Several petroleum related and chlorinated VOCs were detected at low concentrations. Petroleum related VOCs (Benzene, Toluene, Ethylbenzene, and Xylenes [BTEX]) were detected slightly elevated at a maximum concentration of 1539 micrograms/cubic meter ($\mu\text{g/m}^3$) and included benzene (48 $\mu\text{g/m}^3$); ethyl benzene (29 $\mu\text{g/m}^3$); o-Xylene (52 $\mu\text{g/m}^3$); p- & m- Xylenes (110 $\mu\text{g/m}^3$); Toluene (1,300 $\mu\text{g/m}^3$). Other VOCs detected included acetone at a maximum concentration of 10 $\mu\text{g/m}^3$ and chloromorm at 240 micrograms/cubic meter $\mu\text{g/m}^3$. Chlorinated Tetrachloroethene (PCE) was detected at a maximum concentration of 40 $\mu\text{g/m}^3$. PCE concentrations are below their monitoring level range established by NYSDOH decision matrix.

Lot(s) 13 and 49:

- Several chlorinated VOCs were detected at low concentrations. Other VOCs detected included acetone at maximum concentration of 36 $\mu\text{g/m}^3$. Chlorinated compounds included 1,1,1-Trichloroethane (maximum 22 $\mu\text{g/m}^3$), Carbon tetrachloride (24 $\mu\text{g/m}^3$), Tetrachloroethene (56 $\mu\text{g/m}^3$), and trichloroethylene (15 $\mu\text{g/m}^3$). Concentrations of

PCE and TCA are below the NYSDOH decision matrix and does not require monitoring. Carbon tetrachloride and TCE were detected above their monitoring range established by NYSDOH.

1. Introduction

GEI Consultants, Inc., P. C. (GEI) has prepared this Remedial Investigation Report (RIR) for the property known as Concourse Village West Apartments. The non-contiguous property is located in the Bronx and occupies three New York City Tax Lots (Block 2485; Lots 35, 13, and 49) with the following addresses: 180 East 156th Street, 702 Grand Concourse, and 729 Concourse Village West located in the Bronx, New York. The lots will be developed separately and will be known in this report as Concourse Village West Apartments North (180 East 156th Street) and Concourse Village West Apartments South (702 Grand Concourse and 729 Concourse Village West). For purposes of reporting the two developments will be combined into one report, however two distinct Brownfield Cleanup Program (BCP) applications will be filed with the New York State Department of Environmental Conservation (NYSDEC) and the site will maintain two BCP numbers.

Concourse Village West Apartments North and Concourse Village West Apartments South intends to enroll in the State BCP. The remedial investigation (RI) was conducted on February 7-8 2017, and February 13, 2017, under the direction of New York City Office of Environmental Remediation (NYCOER) and guidance of NYSDEC for acceptance into the New York State BCP Jump Start Program. The scope of work for the investigation was approved by representatives at the NYCOER. This RIR provides background information on the Site; describes the methods utilized during the investigation and the physical characteristics of the Site; defines the nature, magnitude, and extent of contamination encountered; assesses the fate, transport, and potential exposure of the identified contamination; and provides recommendations for future actions.

1.1 Purpose

The objective of the RI was to obtain analytical data to evaluate and define the nature, extent, and magnitude of impacts at the Site. The data generated during the field investigation was used to determine what risks, if any, the on-site impacts present to public health and to the environment. Additionally, the RI was designed to provide data needed to perform a remedial alternatives analysis for the Site. The alternatives analysis is included in the Remedial Action Work Plan (RAWP), which will be submitted under a different cover.

1.2 Report Organization

This report presents the findings of the RI and is organized as follows:

- Certification
- Introduction

- Site Description and History
- Methods of Investigation
- Nature and Extent of Contamination
- Qualitative Human Health Exposure Assessment
- Summary and Conclusions

2. Site Description and History

2.1 Site Location and Description

The non-contiguous property is located in the Bronx and occupies three New York City Tax Lots (Block 2485; Lots 35, 13, and 49) with the following addresses, respectively: 180 East 156th Street, 702 Grand Concourse, and 729 Concourse Village West located in the Bronx, New York. Lot 13 abuts Lot 49 on the southern end of the block, and Lot 35 is located on the northeast corner of the block. Please see **Figure 1** for the Site Area Topographic Map. For purposes of this report and BCP Applications the Site is broken up into two sections known as Concourse Village West Apartments North (180 East 156th Street) and Concourse Village West Apartments South (702 Grand Concourse and 729 Concourse Village West). The three tax lots (35, 49, and 13) have a total square footage of 42,968 square feet. Lot 35 is approximately 15,597 square feet in area and is rectangular in shape. A 2-story masonry and wood framed commercial building is located on the northwest corner of the site. The first floor of the building contains a five bay auto service repair garage. The second floor of the building contains a retail coin-operated laundromat. The remainder of the property is occupied by an attendant parking lot with aboveground steel framed auto lifts located along the eastern and western boundaries of the site. Lot 49 is approximately 20,586 square feet in area and is utilized for an attendant parking lot. Lot 13 is approximately 13,801 square feet in area and is also occupied by an attendant parking lot. Please see **Figure 2** for the Site Location Map for the site boundaries.

2.2 Description of Surrounding Property

The block which the Site occupies is bounded by Grand Concourse to the west, beyond which is Franz Sigel Park, East 156th Street to the north, beyond which lies an indoor parking garage and residential buildings, Concourse Village West to the east, beyond which lies KIPP Academy Elementary School, and a furniture and poultry corporation to the south. The remainder of the block is developed with residential buildings and a church.

According to Sanborn historical maps, the two-story industrial building located to the south of the site was formerly occupied by the Morgan Steam Laundry Company from the 1930s to the 1950s. The property adjacent and to the east of the site was formerly a rail yard with a machine shop, paint area, carpenter shop, and electrical warehouse. This site also contained a manufactured gas plant (MGP) in the late 1800s.

2.3 Contemplated Redevelopment plan

The proposed development plan for the project site is to construct three buildings on Lots 35, 49, and 13.

Lot 35

The proposed building on Lot 35 will be a 10-story building with below grade parking, a first floor utilized for retail space, a recreation room, and laundry room with a residential lobby fronting along Concourse Village West and approximately 6,000 square feet of open space in the rear of the property (**Figure 3a**). The remaining floors will be utilized for residential purposes. The cellar will occupy 15,597 square feet and will encompass the entire lot. The majority of the space will be utilized for below grade parking (10,872 square feet). There will be a central location housing utilized for the mechanical rooms and will require excavation to a depth of 14 feet across the site. The building will contain 120 residential units.

Lot 49

The proposed building for Lot 49 will be an 11-story mixed-use building (**Figure 3b**). As with the building on Lot 35 this building will have below grade parking, a first floor community center (8,033 square feet) with a recreation room (1,994 square feet) with the remaining floors utilized for apartments. The cellar will contain 7,690 square feet of parking with 3,186 square feet of dedicated area for the mechanical room. The cellar will be excavated to 14 feet below ground surface (ft bgs). The building will contain 98 residential units and will have an area of 59,582 gross square feet.

Lot 13

The proposed building on Lot 13 will be a 14-story apartment building with a partial cellar (**Figure 3c**). The cellar will be excavated to 11 ft bgs and will maintain 2,479 square feet of area for utilities and mechanical rooms. There will be 2,080 square feet of open space on the east side of the property. No commercial usage is intended for this building. The building will contain 49 residential units and will have an area of 36,068 gross square feet.

2.4 Site History

The project site consists of three New York City Tax Lots (Lot 35, 49, and 13).

Lot 35 (180 East 156th Street)

This Site was occupied by two small wood frame buildings in 1891. The use in these buildings is not indicated on the 1891 Sanborn map. The property was an undeveloped lot from at least 1908 to 1950, at which time the existing building was constructed at the site. Identified former uses of the site since 1950 include a gasoline filling station (from 1951 to the late 1960s), auto repair and auto body shops (1950 to the 1990s), automobile parking, office uses, a retail store and a retail, coin operated laundromat.

Lot 13 (702 Grand Concourse)

Research into the history of the property indicates that the site was undeveloped land in 1891, as indicated by the Sanborn map for that year. By 1908, the site contained a 2-story residential dwelling. This structure was demolished sometime prior to 1935. From 1935 to 2005, the identified former occupants and uses of the site include a gasoline filling station, auto repair garages, the U-Haul Corporation, Meineke Discount Mufflers, Meineke Car Care Center, A.G. Concourse Auto Service and Reliable Parking Service, Inc. Sanborn maps show a filling station until 2007, however; the property has been occupied by an attended parking lot since that time. The 1935, 1944, and 1946 Sanborn maps show four, 550-gallon buried gasoline tanks on the eastern portion of the site. No evidence of the closure or removal of the underground storage tanks from the site was found in the information reviewed for this report therefore, it is possible that five or more underground tanks exist at the site. According to information in the database, there was formerly a 275-gallon, aboveground waste/used oil tank registered at the site (Facility ID: 2-609472). The registration is in the name A.G. Concourse Auto Service. The Petroleum Bulk Storage (PBS) registration for this tank expired on 2/26/09. According to information in the NYSDEC Spill Logs database, Spill Number 0607307 was assigned to the site on 9/26/06 from a spill of an unspecified quantity of petroleum due to sloppy housekeeping. This spill incident was closed by the NYSDEC on 11/2/06.

Lot 49 (729 Sheridan Avenue, aka 729 Concourse Village West)

Research into the history of the property indicates that the site has been used as an automobile parking lot since the 1950s. Prior to the 1950s, the site was an undeveloped lot, with the exception of a produce garden on the site in 1908. The identified former uses of the project site are not types of operations which typically involve the storage or use of hazardous materials or petroleum products. According to Sanborn historical maps, the 2-story industrial building located to the south of the site was formerly occupied by the Morgan Steam Laundry Company from the 1930s to the 1950s. The property adjacent and to the east of the site was formerly a rail yard with a machine shop, paint area, carpenter shop and electrical warehouse. This site also contained a MGP in the late 1800s.

2.5 Previous Investigations

Phase I Environmental Site Assessment (ESA) – 180 East 156th Street Block 2458, Lot 35

EPDSCO conducted a Phase I ESA in April 2013 of Lot 35. The assessment included a Site inspection, historical research, and a regulatory review of the Site. The report identified the following Recognized Environmental Conditions (RECs) and Historical Recognized Environmental Conditions (HRECs) at Lot 35:

In 2006, an investigation was initiated to identify potential sources of volatile organic compounds (VOCs) discovered in groundwater in the area surrounding the project site. This investigation focused on potential sources of contamination in the area, including Lot 35 under NYSDEC Spill Number 05-51708, which is listed for a nearby property at 173 East 156th Street. Several areas of concern were identified for investigation, including a former gasoline filling station at 180 East 156th Street and 751 Concourse Village West (a.k.a. 173 East 156th Street), a site located to the north across 156th Street. The 1951 through 2007 Sanborn maps show the presence of four, 550-gallon underground gasoline tanks in the building at 751 Concourse Village West. As part of the investigation, two groundwater monitoring wells were installed in the sidewalk adjacent to the 741 Concourse Village West site, two monitoring wells were installed in the sidewalk adjacent to the 180 East 156th Street site (MW-8 and MW-9), and four monitoring wells were installed within the 180 East 156th Street site (MW-23, MW-24, MW-25 and MW-26). The well designated MW-20 is located adjacent to the northeast corner of 741 Concourse Village West site and MW-21 is located adjacent to the southeast corner of 741 Concourse Village West site.

The investigation revealed that a plume of VOC contaminated groundwater exists in the area surrounding the project site. This plume is oriented in a north to south direction and extends beyond the project site to the north, south, and east. The direction of groundwater flow was shown to be generally in a southeasterly direction, however, natural or man-made structures in the area may affect the direction of localized groundwater flow. Groundwater samples collected in 2007 at Lot 35 showed the presence of VOCs and semi-volatile organic compounds (SVOCs) in excess of applicable regulatory standards in the groundwater below the site. Below is a table indicating the results for the monitoring wells located on Lot 35 (MW-23, MW-24, MW-25, and MW-26):

MW	Benzene	Toluene	Ethylbenzene	Xylene	BTEX	MTBE	Total VOCs
MW-23	28	3,400	2,700	6,500	12,628	ND	12,767
MW-24	ND	4,300	2,100	10,000	16,400	ND	16,597
MW-25	ND	ND	9.8	9.4	19.2	ND	33.1
MW-26	ND	ND	ND	ND	ND	ND	0.6

All results in Micograms/Liter (µg/L); ND= Results below MDL

A 2007 Subsurface Investigation report states that the exact source of contamination in the area of the site is still unknown; however, it presumed it to be migrating from 751 Concourse Village West. The report concludes that further investigation into Lot 35 may be required, focusing on the areas beneath the existing building and on the northern portion of the site. A 2011 Status Report summarized groundwater samples collected at the project site in 2011 which showed elevated levels of VOCs in at least two of the on-site monitoring wells. This

report also shows an area of elevated VOC contamination in the groundwater near the southeast corner of the site. According to this report, the installation of MW- 27 and MW-28 indicate that 751 Concourse Village West is a likely source of the VOCs detected in the groundwater at 180 East 156th Street.

Phase I Environmental Site Assessment (ESA) – 729 Sheridan Ave; Block 2458, Lot 49

EPDSCO conducted a Phase I ESA in April 2013 of Lot 49. The assessment included a Site inspection, historical research, and a regulatory review of the Site. The report identified the following RECs and HRECs at Lot 49:

- The Assessment has revealed no evidence of recognized environmental conditions in connection with the property

Phase I Environmental Site Assessment (ESA) – 702 Grand Concourse; Block 2458, Lot 13

EPDSCO conducted a Phase I ESA in April 2013 of Lot 13. The assessment included a Site inspection, historical research, and a regulatory review of the Site. The report identified the following RECs and HRECs at Lot 13:

- The potential for site contamination from past spills or leaks from underground storage tanks at the site.
- The potential for site contamination from past spills, leaks or discharges of hazardous materials/petroleum products from former on-site auto repair operations.
- The possible presence of out-of-service underground storage tanks at the site which have not been closed or removed in accordance with NYSDEC requirements.

Subsurface Investigation, NYSDEC Spill #05-51708

EnviroTrac Ltd. (EnviroTrac) was retained by the NYSDEC to perform the investigation of a petroleum spill at the New York City School Construction Authority (SCA) site located on Concourse Village West, Bronx, NY associated with Spill 05-51708. Below is a summary of the results from the March 28, 2007 report that pertains to 180 East. 156th Street:

Further investigation into 180 E. 156th Street may be required. To date this investigation has not indicated that any source area is located on this facility. However, should further investigation at 751 Concourse Village West indicate that the underground storage tanks (USTs) there are not the source of the contamination beneath 180 E. 156th Street, then it must be assumed that the source of the contamination is on site. Given the locations of the four monitoring wells (MW-23, 24, 25, and 26) and their respective laboratory results, the

investigation should focus on the northern portion of the site and should also include the area beneath the existing building.

Any investigation performed on this facility should also include the fuel oil tank located in the apartment building to the west of the facility.

2011 Status Report, NYSDEC Spill #05-51708, Concourse Village West & 156th Street, Bronx, New York

In December 2008 EnviroTrac installed two borings, B-27 and B-28 and two monitoring wells MW-27 and MW-28, south of 751 Concourse Village West, along East 156th Street. On April 15, 2009 these wells were sampled and incorporated into the findings of the site. In January 2010 free-phase product was discovered in MW-27 and estimated to be approximately 20 years old.

At the direction of the NYSDEC ten enhanced fluid recovery (EFR) events were conducted at the site from February through June 2010. EFT events were stopped in June 2010 at the direction of the NYSDEC who informed EnviroTrac that the responsible party was taking over the performance of the EFR.

Based upon results up to this point EnviroTrac recommended the following:

- Installation of additional borings, test pits, and monitoring wells at 751 Concourse Village West to further delineate both the groundwater plume and the soil contamination detected in the vicinity of the USTs.
- Investigation of a suspected fuel-oil tank in the basement of 751 Concourse Village West.
- Installation of wells along the northern property boundary of 751 Concourse Village West to determine if any contamination is migrating onto this property from 783 Concourse Village West.
- Wells on both the east and west sides of Concourse Village should be monitored concurrently.
- EnviroTrac recommends that possible preferential pathways, such as underground utilities and penetrations or cracks in the foundation of the retaining wall be investigated.

2.6 Areas of Concern

The following environmental issues discussed in Section 3.0 were considered AOCs for this investigation:

- Historic Fill – Historic fill composed of sand, gravel, coal ash, and brink was observed up to approximately 16 feet below grade.

- Hot Spots – Elevated concentrations of metals and SVOCs were identified in both shallow and deep soil across the Site. Arsenic (max 117 mg/Kg) was found in B19 (6-8'); Barium (max 2,040 mg/Kg) was found in B-19 (6-8'); elevated lead (max 2,790 mg/Kg) was found in B10 (0-2') and B19 (6-8'); high copper (max 1,460 mg/Kg) was found in B14 (14-16') and B19 (6-8); and Mercury (max 3.12 mg/Kg) was found in B13 (6-8') and B21 (0-2'). Elevated SVOCs were detected in B11 (6-8').
- Suspect USTs – Sanborn maps identified gasoline USTs on Lot 13 from 1935-1946. No evidence of the closure or removal of the underground storage tanks from the site was found.
- NYSDEC Spill Number 05-51708 – A plume of chlorinated VOC contaminated groundwater exists in the area surrounding Lot 35 associated with DEC Spill 05-51708. 751 Concourse Village West is a likely source of the VOCs detected in the groundwater at 180 East 156th Street.
- Historical Site Use as gasoline station and auto repair – Lot 35 was used as a gasoline filling station from 1950-1960s and as an auto repair shop from 1950-1990s. On Lot 13, from 1935 to 2005, the identified former occupants and uses of the site include a gasoline filling station, auto repair garages, the U-Haul Corporation, Meineke Discount Mufflers, Meineke Car Care Center, A.G. Concourse Auto Service and Reliable Parking Service, Inc. Sanborn maps show a filling station until 2007.

3. Project Management

3.1 Project Organization

The Qualified Environmental Professionals (QEP) responsible for preparation of this report is Nicholas Recchia, Stephanie Pollert, and Thomas Johansen.

3.2 Health and Safety

All work described in this report was performed in full compliance with applicable laws and regulations, including Site and Occupational Safety and Health Administration (OSHA) worker safety requirements and Hazardous Waste Operations and Emergency Response (HAZWOPER) requirements. The work described in this report was also performed in accordance with a Site-specific Health and Safety Plan (HASP) dated December 2015.

4. Methods of Investigation

4.1 Field Investigation

The scope of the RI was consistent with the two work plans approved by NYCOER prior to entering into the NYCOER Program and then prior to entering into the NYSDEC BCP Jump Start Program.

The objective of the RI was to define the nature, extent, and degree of contaminants at the Site. Samples were collected on the three New York City Tax Lots. To accomplish these goals, the following tasks were completed during the field investigation:

- Conducted a geophysical survey and utility mark-outs;
- Installed 25 soil borings and the collection of 66 soil samples for laboratory analysis to evaluate soil quality;
- Installed 8 temporary groundwater monitoring wells and collected 8 groundwater samples for chemical analysis to evaluate groundwater quality;
- Installed 12 soil vapor probes and collected 12 soil vapor samples for chemical analysis. One indoor air sample was also collected.

The locations of the anomalies identified during the geophysical survey and the locations of the soil borings, groundwater monitoring wells, and soil vapor points are shown on **Figure 2**. A groundwater contour map showing the well elevations and groundwater contours is provided as **Figure 5**.

4.1.1 *Geophysical Survey and Utility Mark-Outs*

A magnetometer survey was conducted at the project site to determine any metal anomalies indicative of USTs and to locate on-site utilities. Site limitations due to automobile storage prohibited a full scan. However, the areas scanned did not indicate the presence of anomalies indicative of USTs or any anomalies of concern. Prior to any intrusive work 811 was notified and a public utility mark out was conducted.

4.1.2 *Site Survey*

Prior to intrusive work a site inspection was completed to identify site conditions and is presented below:

The non-contiguous property is located in the Bronx and occupies three New York City Tax Lots (Block 2485; Lots 35, 13, and 49) with the following addresses, respectively: 180 East

156th Street, 702 Grand Concourse, and 729 Concourse Village West located in the Bronx, New York. Lot 13 abuts Lot 49 on the southern end of the block, and Lot 35 is located on the northeast corner of the block. For purposes of this report and BCP Applications the Site is broken up into two sections known as Concourse Village West Apartments North (180 East 156th Street) and Concourse Village West Apartments South (702 Grand Concourse and 729 Concourse Village West). The three tax lots (35, 49, and 13) have a total square footage of 42,968 square feet. Lot 35 is approximately 15,597 square feet in area and is rectangular in shape. A 2-story masonry and wood framed commercial building is located on the northwest corner of the site. The first floor of the building contains a five bay auto service repair garage. The second floor of the building contains a retail coin-operated laundromat. The remainder of the property is occupied by an attendant parking lot with aboveground steel framed auto lifts located along the eastern and western boundaries of the site. Lot 49 is approximately 20,586 square feet in area and is utilized for an attendant parking lot. Lot 13 is approximately 13,801 square feet in area and is also occupied by an attendant parking lot. Please see **Figure 2** for the Site Location Map for the site boundaries.

4.1.3 Soil Boring Installations

A total of 25 soil borings (B-1 through B-25) were advanced on February 7, 8, and 13, 2017 to a desired depth of 16 feet bgs on the Site utilizing Geoprobe® Direct Push technology. Six borings were completed on Lot 13 (B-20 through B-25), 11 borings were completed on Lot 49 (B-1 through B-11), and 8 borings were completed on Lot 35 (B-12 through B-19). Soil samples were collected continuously and inspected for impacts (e.g., staining and odor) and screened for the presence of VOCs using a photoionization detector (PID). The soil boring locations were surveyed using the Global Positioning System (GPS) upon their completion (where possible due to building interference). Boring logs are included as **Appendix B**.

Groundwater was encountered within the soil borings at approximately 32 feet below grade. Soil cores were obtained using a stainless steel, macro-core sampler with an internal acetate liner. Soil cores were field-screened using a PID, which measures relative concentrations of VOCs in the soil. The PID was calibrated at the beginning of each field day with 100 parts per million (ppm) isobutylene calibration gas.

4.1.4 Groundwater Monitoring Well Installations and Development

Eight one-inch temporary monitoring wells were installed to approximately 40 ft bgs (GW-1 through GW-8). Four wells were installed on Lot 49 (GW-1 through GW-4), and 4 wells were installed on Lot 35 (GW-5 through GW-8); no wells were installed on Lot 13 due to refusal met above the water table. The one-inch schedule 40 polyvinyl chloride (PVC) monitoring wells were screened (0.020-inch slot) from 30-40 ft bgs in order to intersect the water table found at 32 feet below grade. The annulus of the monitoring wells were

backfilled with #2 gravel to approximately 2-feet above the slotted well screen interval followed by a 2-foot layer of bentonite.

The temporary monitoring wells were developed to remove fine soil particles that may have been trapped in the monitoring wells' sand pack and screen, and to set the sand pack so that it will function properly and create good hydraulic communication between the well and the formation. The wells were developed by pumping and surging using a high flow pump. Development continued until turbidity was less than 50 nephelometric turbidity units (NTUs) for three successive readings or until water quality indicators stabilized. The criteria for stabilization were three successive readings within $\pm 10\%$ for pH, temperature, and specific conductivity. Development water was screened for evidence of contamination by visual and olfactory methods and by using a calibrated PID. No evidence of contamination (i.e., odor, staining, significant elevated PID readings, etc.) was noted.

Based on the Site-specific groundwater depths and the elevation survey, groundwater flows beneath the Site in a southerly direction. A groundwater contour map showing Site-specific groundwater measurements and groundwater flow direction is provided as **Figure 5**.

4.1.5 Soil Vapor (SV) Monitoring Point Installations

A total of 12 soil vapor probes (SV-1, through SV-12) were installed throughout the Site. Six probes were installed on Lot 49 (SV-1 through SV-6), 4 probes were installed on Lot 35 (SV-7 through SV-10), and 2 probes were installed on Lot 13 (SV-11 and SV-12). Sample locations are presented on **Figure 4**. The soil vapor probes were installed approximately 15 ft bgs at the anticipated depth of the proposed cellar. Additionally, an Outdoor Ambient Air sample was collected (OA-1) with the soil vapor probes for comparison.

The soil vapor probes were installed using 1-inch diameter steel drill rods advanced using direct push drilling methods. The soil vapor probes consisted of a prefabricated 2-3 inch perforated steel vapor probe tip attached to 3/8-inch diameter low-density polyethylene (LDPE) plastic riser tubing. Once driven to depth, the rods were removed leaving only the tip and the tubing. The vapor probe borehole was backfilled with #2 morie well-grade gravel. A surface seal was placed using an impermeable clay seal installed within the last 6-inches of the probe-hole annulus from surface grade level. The vapor well was purged using a hand pump or equivalent device after installation.

4.1.6 Soil Sampling

Sixty-six (66) soil samples were collected for chemical analysis during this investigation. Analytical samples were collected at the 0-2, 6-8, and 14-16 foot intervals. Interval depths were altered in several locations due to refusal and/or identified visual contamination. Six borings were completed on Lot 13 (B-20 through B-25), 11 borings were completed on Lot 49 (B-1 through B-11), and 8 borings were completed on Lot 35 (B-12 through B-19). In

total, 66 samples were collected from 25 locations site wide using either a skid-mounted Geoprobe®, limited-access Geoprobe®, or hand augers. Soil boring activities attempted to drive each boring location down to at least 16 ft bgs (below the proposed basement slab); however, based upon rig limitations and/or site conditions this was not possible at B-20 through B-25. Borings B-20 through B-25 met refusal at approximately 2 feet below grade, and samples were only taken at a depth of 0-2 feet below grade. Soil samples were collected continuously and inspected for impacts (e.g., staining and odor) and screened for the presence of VOCs using a PID. No petroleum odors, staining, or significantly elevated PID readings were noted in soil headspace at the soil boring locations.

Soil samples were properly transported to York Analytical Laboratories Inc- a NYSDOH Environmental Laboratory Accreditation Program (ELAP)-certified laboratory under chain-of-custody procedures and analyzed for VOCs, SVOCs, Pesticides/Herbicides, and Metals using United States Environmental Protection Agency (USEPA) Methodology 8260; 8270 B/N; 8081/8082; and Total Analyte List (TAL) Metals.

Quality Assurance/Quality Control (QA/QC) procedures were used to provide performance information with regard to accuracy, precision, sensitivity, representation, completeness, and comparability associated with the sampling and analyses for this investigation. Field QA/QC procedures were used (1) to document that samples are representative of actual conditions at the Site and (2) to identify possible cross-contamination from field activities or sample transit. Laboratory QA/QC procedures and analyses were used to demonstrate whether analytical results have been biased either by interfering compounds in the sample matrix or by laboratory techniques that may have introduced systematic or random errors to the analytical process.

Soil analytical data is provided in **Table 1**. A map showing soil exceedances is shown in **Figures 6a and 6b**. The lab reports are found in **Appendix C**.

4.1.7 Groundwater Sampling

Eight groundwater samples were collected from the eight monitoring wells using low flow sampling methodology with dedicated and decontaminated sampling equipment. Prior to collecting the groundwater samples, the depth to groundwater and the total well depth were measured at each of the groundwater monitoring wells using a multi-parameter interface probe attached to a measuring tape accurate to 0.01 foot. No free phase product was detected in any of the groundwater monitoring wells during installation, purging, or sampling. Purging of the wells continued until the turbidity of the water decreased and groundwater quality parameters stabilized. Groundwater samples were properly transported to York Analytical Laboratories NYSDOH ELAP-certified laboratory under chain-of-custody procedures and analyzed for VOCs, SVOCs, Pesticides/Herbicides, and Metals using USEPA Methodology 8260; 8270 B/N; 8081/8082; and TAL Metals.

QA/QC procedures were used to provide performance information with regard to accuracy, precision, sensitivity, representation, completeness, and comparability associated with the sampling and analyses for this investigation. Field QA/QC procedures were used (1) to document that samples are representative of actual conditions at the Site and (2) to identify possible cross-contamination from field activities or sample transit. Laboratory QA/QC procedures and analyses were used to demonstrate whether analytical results have been biased either by interfering compounds in the sample matrix or by laboratory techniques that may have introduced systematic or random errors to the analytical process.

Groundwater analytical data is provided in **Table 2**. A map showing groundwater exceedances is shown in **Figures 7a and 7b**. The lab reports are found in **Appendix C**.

4.1.8 Soil Vapor Sampling

Twelve soil vapor samples and one outdoor air sample were collected from twelve soil vapor probes. Samples were collected in 6-liter Summa canisters which were certified clean by the laboratory and analyzed by using USEPA Method TO-15. Flow rate of both purging and sampling did not exceed 0.2 liters per minute (L/min). Samples were collected over a period of 2 hours. Prior to collection, each sampling point was purged of three sample volumes using a peristaltic pump. Pertinent information including sample identification, date and time of sample collection, sampling depth, identity of samplers, sampling methods and devices, vacuum of canisters before and after the samples are collected, and chain-of-custody protocols were recorded.

As part of the vapor intrusion evaluation, a tracer gas was used in accordance with NYSDOH protocols to serve as a QA/QC device to verify the integrity of the soil vapor probe seal. Helium was used as the tracer gas and an inverted bucket served to keep it in contact with the probe during testing. A portable monitoring device was used to analyze a sample of soil vapor for the tracer prior to sampling. At the conclusion of the sampling round, tracer monitoring was performed a second time to confirm the integrity of the probe seals. Helium readings pre and post sampling were below the required 10% indicating that the probe seals remained intact. Upon completion of sampling, the soil vapor probes were removed from the borehole, the borehole was filled with bentonite powder and hydrated, and the concrete patched.

Soil vapor analytical data is provided in **Table 3**. A map showing soil vapor detections is shown in **Figures 8a and 8b**. The lab reports are found in **Appendix C**. Methodologies used for soil vapor assessment conform to the *New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion, October 2006*.

4.2 Laboratory Analysis

York Analytical Laboratories (York), a NYSDOH ELAP-certified laboratory, conducted all of the chemical analysis.

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Benjamin Gulizia, Lab Director
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and were York Analytical Laboratories, Inc.
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Groundwater analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters.

4.3 Quality Assurance/Quality Control (QA/QC) Sampling

QA/QC procedures were used to provide performance information with regard to accuracy, precision, sensitivity, representation, completeness, and comparability associated with the sampling and analyses for this investigation. Field QA/QC procedures were used (1) to document that samples are representative of actual conditions at the Site and (2) to identify possible cross-contamination from field activities or sample transit. Laboratory QA/QC procedures and analyses were used to demonstrate whether analytical results have been biased either by interfering compounds in the sample matrix or by laboratory techniques that may have introduced systematic or random errors to the analytical process.

5. Nature and Extent of Contamination

Soil, groundwater, and soil vapor samples were collected during the course of the RI to determine the nature, magnitude, and extent of contamination occurring in various media at the Site. The soil, groundwater, and soil vapor samples were collected to evaluate the extent of contamination on-site.

The data collected during the RI is compared with the Standards, Criteria and Guidance values (SCGs) applicable to each medium sampled, and include:

- Soil: NYSDEC's 6NYCRR Part 375 Environmental Remediation Programs: Part 375-6.8: Soil Cleanup Objectives for Unrestricted and Restricted Residential Use
- Groundwater: Sample analytical results were compared to the New York State 6NYCRR Part 703.5 Class GA AWQS.
- Soil Vapor – No established criteria exist for soil vapor; however, the data is compared to the NYSDOH Volatile Chemical Matrix Tables to evaluate the need for mitigation

The analytical data is presented on **Tables 1, 2, and 3** for soil, groundwater, and soil vapor, respectively and is compared to the applicable SCGs.

5.1 Description of Local Geologic and Hydrogeological Conditions

5.1.1 Site Soil/Stratigraphy

Soil borings were installed to a depth of at least 16 ft bgs, just below the proposed foundation excavation depth of 15 ft. Urban fill was encountered on Lots 13 and 49 and partially on the southern lot 35 from grade to 16 ft bgs. The material consisted predominantly of coal ash/tinders intermittent with typical urban fill containing bricks and debris. The southern half of Lot 49 was observed to be urban fill from 0-4 ft bgs and natural well graded brown alluvial sand from 4 ft bgs to our boring terminus of 16 ft bgs. The center of Lot 49 was found to contain fill to a depth of 12 ft bgs. Fill was found to a depth of 4 feet on Lot 13 and to a depth of 16 feet on Lot 35. The topography of the area slopes consistently downward from west to east with a range of elevation starting from 73 feet along Grand Concourse and sloping down to 43 feet along Concourse Village West. Please see Soil Boring Logs in **Appendix B** for a detailed description of each boring location.

5.1.2 Aquifer Characteristics

No evidence of perched water was observed during the RI. Saturated soil indicative of the regional groundwater table was observed at approximately 30-32 ft. bgs.

5.1.3 Groundwater Flow Direction

A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in **Figure 5**. Groundwater flow is presumed to be to the south-southeast.

5.1.4 Surface Water Bodies

The Harlem River is located approximately 0.4-miles west of the project site. Otherwise, no surface water bodies are located within one-half mile of the Site according to the United State Geologic Survey (USGS) 7 ½ minute map.

5.2 Soil Chemistry

Twenty-five soil borings designated B-1 through B-25 were installed and sampled at the project site. Soil boring activities attempted to drive each boring location down to at least 16 ft bgs (below the proposed basement slab) however, based upon rig limitations and/or site conditions this was not possible at B-20 through B-25. In total, 66 samples were collected from 25 locations site wide using either a skid-mounted Geoprobe®, limited-access Geoprobe®, or hand augers.

Urban fill was encountered on Lots 13 and 49 and a partially on the southern lot 49 from grade to 16 ft bgs. The material consisted predominantly of coal ash/tinders intermittent with brick and debris. The southern half of Lot 49 was observed to be urban fill from 0-4 ft bgs. and natural well graded brown alluvial sand from 4 ft bgs to our boring terminus of 16 ft bgs. The topography of the area slopes consistently from west to east with a range of elevation starting from 73 feet along Grand Concourse and sloping down to 43 feet along Concourse Village West.

PID readings along with visual and olfactory observations were logged and noted in soil boring logs. Soil Boring Logs can be found in **Appendix B**. Photo documentation can be found in **Appendix A**. Boring locations can be found in **Figure 4**.

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

Soil/fill samples collected during both Phase II remedial investigations were compared to Title 6 of the Official Compilation of New York Codes, Rules and Regulations Part 375 (6 NYCRR Part 375) Unrestricted Use and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCOs).

Soils for Lot 35:

- The VOC, 1,4-Dioxane was detected at a maximum concentration of 0.48 milligrams per kilograms [mg/Kg]; in B-18 (6-8'); which is above Unrestricted Use SCO but below Restricted Residential Use SCO. Acetone was detected at multiple depths to maximum of 1.0 mg/Kg (B-15 at 6' to 8'). No other VOCs were detected in soil samples;
- SVOCs including benzo(a)anthracene (maximum 27.1 mg/Kg) in B-15 (at 14' to 16'); benzo(a)pyrene (maximum 4.9 mg/Kg in B15 at 14' to 16'); benzo(b)fluoranthene (maximum 6.4 mg/Kg); chrysene (maximum 18.3 mg/Kg); dibenzo(a,h)anthracene (maximum 2.3 mg/Kg); indeno(1,2,3-cd)pyrene (maximum 3.9 mg/Kg) and benzo(k)fluoranthene (maximum 5.9 mg/Kg) were detected above Restricted Residential Use SCOs;
- No Pesticides or PCBs were detected at levels above Unrestricted Use SCOs or Restricted Residential Use SCOs;
- The metals Barium (maximum 2,040 mg/Kg in B19 at 6' to 8'); Copper (maximum 1,460 mg/Kg in B-18 at 14' to 16'), Lead (at 2,790 mg/Kg B-18 at 14' to 16', at 1520 mg/Kg in B13 at 6' to 8' and at 1660 mg/Kg in B17 at 14' to 16' depths, and Mercury (maximum 2.87 mg/Kg in B13 at 6' to 8') were detected above the Restricted Residential Use SCOs. The metals Nickel (maximum 33.8 mg/Kg), Selenium (maximum 30 mg/Kg), and Zinc (maximum 465 mg/Kg) were detected at levels above Unrestricted Use SCOs; and
- Overall, elevated metals were detected widespread in all samples at various depths. Elevated SVOCs were detected in boring B-15 at 14 feet to 16 foot depths.

Soils for Lot(s) 13 and 49

- The VOC, Acetone was detected at multiple depths exceeding Unrestricted Use SCOs. No other VOCs were detected in the samples collected for analysis.
- SVOCs including benzo(a)anthracene (maximum 22.6 mg/Kg); benzo(a)pyrene (maximum 20.8 mg/Kg); benzo(b)fluoranthene (maximum 21.3 mg/Kg); benzo(k)fluoranthene (maximum 25.5 mg/Kg); chrysene (maximum 24.9 mg/Kg); dibenzo(a,h)anthracene (maximum 6.8 mg/Kg); Indeno(1,2,3-cd)pyrene (maximum

8.09 mg/Kg) exceeded Restricted Residential Use SCOs. Highest concentrations of SVOCs were detected in B-11 at 6' to 8' depth. Other locations with high SVOCs included borings at B4 (0' to 2'), B-4 at 14' to 16', B-11 at 6' to 8' and B-22 at 6' to 8' depths.

- No Pesticides were detected at levels above Unrestricted Use SCOs or Restricted Residential Use SCOs. Total PCBs were detected above Unrestricted Use SCOs at a concentration of 0.29 mg/Kg.
- The metals Barium (maximum 647 mg/Kg in B-10 at 0' to 2'); Copper (maximum 476 mg/Kg in B-10 at 0' to 2'), Lead (maximum 2,250 mg/Kg B-10 at 0-2', and Mercury (maximum 3.1 mg/Kg in B-21 at 0' to 2') were detected above the Restricted Residential Use SCOs. The metals Nickel (maximum 33.8 mg/Kg), Selenium (maximum 5.39 mg/Kg), and Zinc (maximum 716 mg/Kg) were detected at levels above Unrestricted Use SCOs. Elevated metals were in detected in borings B-3, B-4 (14' to 16'), B-10 (0' to 2').

5.3 Groundwater Chemistry

Well locations are depicted in **Figure 4**.

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in **Table 2**. Groundwater concentrations exceeding AWQS are shown on **Figure 5**. Groundwater laboratory analytical data reports are included in **Appendix C**.

The groundwater samples collected during this investigation were compared to Sample analytical results were compared to the New York State 6NYCRR Part 703.5 Class GA AWQS.

Several VOCs were listed above their respective AWQS values at the following maximum concentrations: 1,2,3-Trichloropropane (0.2 micrograms per liter [$\mu\text{g/L}$]); 1,2,4-Trimethylbenzene (240 $\mu\text{g/L}$); 1,2-Dibromo-3-chloropropane (0.2 $\mu\text{g/L}$); 1,2-Dibromoethane, (0.2 $\mu\text{g/L}$); 1,3,5-Trimethylbenzene (45 $\mu\text{g/L}$); Ethyl Benzene (150 $\mu\text{g/L}$); Isopropylbenzene (36 $\mu\text{g/L}$); n-Butylbenzene (22 $\mu\text{g/L}$); n-Propylbenzene (48 $\mu\text{g/L}$); o-Xylene (14 $\mu\text{g/L}$); p- & m- Xylenes (230 $\mu\text{g/L}$); p-Isopropyltoluene (6.4 $\mu\text{g/L}$); sec-Butylbenzene (6.3 $\mu\text{g/L}$); and Xylenes, Total (240 $\mu\text{g/L}$).

Several SVOCs were detected above NYSDEC TOGs values at the following maximum concentrations: 1,2,4-Trichlorobenzene (159 $\mu\text{g/L}$); 1,2-Dichlorobenzene (161 $\mu\text{g/L}$); 1,3-Dichlorobenzene (168 $\mu\text{g/L}$); 1,4-Dichlorobenzene (143 $\mu\text{g/L}$); 2,4-Dinitrotoluene (104 $\mu\text{g/L}$); 2,6-Dinitrotoluene (104 $\mu\text{g/L}$); 2-Chloronaphthalene (142 $\mu\text{g/L}$); 2-Nitroaniline

(108 µg/L); 3,3-Dichlorobenzidine (81.8 µg/L); 3-Nitroaniline (108 µg/L); 4-Chloroaniline (192 µg/L); 4-Nitroaniline (173 µg/L); Aniline (96.8 µg/L); Benzo(a)anthracene (3.2 µg/L); Benzo(a)pyrene (3.2 µg/L); Benzo(b)fluoranthene (3.2 µg/L); Benzo(k)fluoranthene (3.2 µg/L); Benzyl butyl phthalate (55 µg/L); Bis(2-chloroethoxy)methane, (114 µg/L); Bis(2-chloroethyl)ether (96.8 µg/L); Bis(2-chloroisopropyl)ether (193 µg/L); Bis(2-ethylhexyl)phthalate (32.3 µg/L); Chrysene (3.2 µg/L); Diethyl phthalate (165 µg/L); Dimethyl phthalate (123 µg/L); Di-n-butyl phthalate (132 µg/L); Di-n-octyl phthalate (72.3 µg/L); Hexachlorobenzene (1.3 µg/L); Hexachlorobutadiene (32.3 µg/L); Hexachlorocyclopentadiene (163 µg/L); Hexachloroethane (32.3 µg/L); Indeno(1,2,3-cd)pyrene (3.2 µg/L); Isophorone (173 µg/L); Naphthalene (24 µg/L); Nitrobenzene (16.1 µg/L); N-Nitrosodiphenylamine (323 µg/L); and Pyrene (199 µg/L).

The following Pesticides were detected above their respective AQWS Values: alpha-BHC (0.020 µg/L); Chlordane, total (0.100 µg/L) and Toxaphene (0.5 µg/L). Polychlorinated Biphenyls (PCBs) were not detected above its AWQS.

The following Total Metals were detected above AWQS values at the following maximum concentrations: Barium (5,240 µg/L); Beryllium (3.7 µg/L); Chromium (108 µg/L); Copper (957 µg/L); Lead (247 µg/L); Magnesium (372,000 µg/L); Manganese (24,600 µg/L); Nickel (229 µg/L); Selenium (108 µg/L); Sodium (458,000 µg/L); and Zinc (9,000 µg/L). Additionally, the following dissolved metals were detected in exceedance of NYSDEC Technical and Operational Guidance Series (TOGS) Guidance Values: Magnesium (45,900 µg/L); Manganese (5,270 µg/L); Selenium (48 µg/L); and Sodium (200,000 µg/L).

Figure 7 shows the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

5.4 Soil Vapor

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in **Table 3**.

Soil vapor samples collected during the investigation were reviewed against the soil vapor/indoor air Matrix 1 and Matrix 2 in the New York State Department of Health (NYSDOH) Soil Vapor Decision Matrices.

Soil Vapor at Lot 35

Several petroleum related and chlorinated VOCs were detected at low concentrations. Petroleum related VOCs (Benzene, Toluene, Ethylbenzene, and Xylenes [BTEX]) were detected slightly elevated at a maximum concentration of 1539 micrograms/cubic meter (µg/m³) and included benzene (48 µg/m³); ethyl benzene (29 µg/m³); o-Xylene (52 µg/m³);

p- & m- Xylenes ($110 \mu\text{g}/\text{m}^3$); Toluene ($1,300 \mu\text{g}/\text{m}^3$). Other VOCs detected included acetone at maximum concentration of $10 \mu\text{g}/\text{m}^3$ and chloromorm at 240 micrograms/cubic meter $\mu\text{g}/\text{m}^3$. Chlorinated Tetrachloroethene (PCE) was detected at a maximum concentration of $40 \mu\text{g}/\text{m}^3$. PCE concentrations are below their monitoring level range established by NYSDOH decision matrix.

Lot(s) 13 and 49:

Several chlorinated VOCs were detected at low concentrations. Other VOCs detected included acetone at maximum concentration of $36 \mu\text{g}/\text{m}^3$. Chlorinated compounds included 1,1,1-Trichloroethane (maximum $22 \mu\text{g}/\text{m}^3$), Carbon tetrachloride ($24 \mu\text{g}/\text{m}^3$), Tetrachloroethene ($56 \mu\text{g}/\text{m}^3$), and trichloroethylene ($15 \text{ug}/\text{m}^3$). Concentrations of PCE and TCA are below the NYSDOH decision matrix and does not require monitoring. Carbon tetrachloride and TCE were detected above their monitoring range established by NYSDOH.

6. Qualitative Human Health Exposure Assessment

6.1 Overview

A qualitative human health exposure assessment for the Site has been prepared in accordance with the requirements of DER-10 Technical Guidance for Site Investigation and Remediation, Appendix 3B, May 2010 and is presented in the following subsections.

6.2 Site History

The project site consists of three New York City Tax Lots (Lot 35, 49, and 13).

Lot 35 (180 East 156th Street)

This Site was occupied by two small wood frame buildings in 1891. The use in these buildings is not indicated on the 1891 Sanborn map. The property was an undeveloped lot from at least 1908 to 1950, at which time the existing building was constructed at the site. Identified former uses of the site since 1950 include a gasoline filling station (from 1951 to the late 1960s), auto repair and auto body shops (1950 to the 1990s), automobile parking, office uses, a retail store, and a retail coin operated laundromat.

In 2006, an investigation was initiated to identify potential sources of VOCs discovered in groundwater in the area surrounding the project site. This investigation focused on potential sources of contamination in the area, including Lot 35 under NYSDEC Spill Number 05-51708, which is listed for a nearby property at 173 East 156th Street. The investigation revealed that a plume of VOC contaminated groundwater exists in the area surrounding the project site. This plume is oriented in a north to south direction and extends beyond the project site to the north, south, and east. The direction of groundwater flow was shown to be generally in a southeasterly direction, however, natural or man-made structures in the area may affect the direction of localized groundwater flow. Groundwater samples collected in 2007 at Lot 35 showed the presence of VOCs and SVOCs in excess of applicable regulatory standards in the groundwater below the site. A 2007 Subsurface Investigation report states that the exact source of contamination in the area of the site is still unknown; however, it presumed it to be migrating from 751 Concourse Village West. The report concludes that further investigation into Lot 35 may be required, focusing on the areas beneath the existing building and on the northern portion of the site. A 2011 Status Report summarized groundwater samples collected at the project site in 2011 which showed elevated levels of VOCs in at least two of the on-site monitoring wells. This report also shows an area of elevated VOC contamination in the groundwater near the southeast corner of the site.

According to this report, the installation of MW- 27 and MW-28 indicate that 751 Concourse Village West is a likely source of the VOCs detected in the groundwater at 180 East 156th Street.

Lot 13 (702 Grand Concourse)

Research into the history of the property indicates that the site was undeveloped land in 1891, as indicated by the Sanborn map for that year. By 1908, the site contained a 2-story residential dwelling. This structure was demolished sometime prior to 1935. From 1935 to 2005, the identified former occupants and uses of the site include a gasoline filling station, auto repair garages, the U-Haul Corporation, Meineke Discount Mufflers, Meineke Car Care Center, A.G. Concourse Auto Service and Reliable Parking Service, Inc. Sanborn maps show a filling station until 2007, however; the property has been occupied by an attended parking lot since that time. The 1935, 1944, and 1946 Sanborn maps show four, 550-gallon buried gasoline tanks on the eastern portion of the site. No evidence of the closure or removal of the underground storage tanks from the site was found in the information reviewed for this report therefore, it is possible that five or more underground tanks exist at the site. According to information in the database, there was formerly a 275-gallon, aboveground waste/used oil tank registered at the site (Facility ID: 2-609472). The registration is in the name A.G. Concourse Auto Service. The PBS registration for this tank expired on 2/26/09. According to information in the NYSDEC Spill Logs database, Spill Number 0607307 was assigned to the site on 9/26/06 from a spill of an unspecified quantity of petroleum due to sloppy housekeeping. This spill incident was closed by the NYSDEC on 11/2/06.

Lot 49 (729 Sheridan Avenue, aka 729 Concourse Village West)

Research into the history of the property indicates that the site has been used as an automobile parking lot since the 1950s. Prior to the 1950s, the site was an undeveloped lot, with the exception of a produce garden on the site in 1908. The identified former uses of the project site are not types of operations which typically involve the storage or use of hazardous materials or petroleum products. According to Sanborn historical maps, the 2-story industrial building located to the south of the site was formerly occupied by the Morgan Steam Laundry Company from the 1930s to the 1950s. The property adjacent and to the east of the site was formerly a rail yard with a machine shop, paint area, carpenter shop, and electrical warehouse. This site also contained a MGP in the late 1800s. The 1935 through 2007 Sanborn maps show a gasoline station with four, 550-gallon underground gasoline tanks located adjacent and to the west of the project site at 702 Grand Concourse. The 1951 Sanborn map shows a gasoline filling station located at 180 East 156th Street, approximately 300 feet north of the project site. There are no active NYSDEC-reported spill incidents listed at these sites. The 1951 through 2007 Sanborn maps show the presence of four, 550-gallon underground gasoline tanks in the building at 751 Concourse Village West.

There is one Active NYSDEC-reported spill incident at this location, NYSDEC Spill Number 05-51708. According to Sanborn historical maps, the 2-story industrial building located to the south of the site was formerly occupied by the Morgan Steam Laundry Company from the 1930s to the 1950s.

According to previous environmental reports for the investigation of Spill Number 05-51708 provided to EPDSCO, a subsurface investigation has been performed on behalf of the NYSDEC in the area surrounding the subject property since 2006. Several areas of concern were identified for investigation, including a former gasoline filling station at 180 East 156th Street and 751 Concourse Village West (a.k.a. 173 East 156th Street), both of which sites are located to the north of the project site. According to the investigation reports, the plume of contaminated groundwater in the area was determined to be located to the north and east of the project site, generally oriented from northwest to southeast. As part of the investigation, two groundwater monitoring wells were installed in the sidewalk adjacent to the project site. The well designated MW-20 is located adjacent to the northeast corner of the project site and MW-21 is located adjacent to the southeast corner of the site. The direction of groundwater flow was shown to be generally in a southeasterly direction, but natural or man-made structures in the area may affect the direction of localized groundwater flow.

According to the 2011 Status Report for spill 05-51708, low levels of VOCs were detected in samples collected from MW-20 and MW-21 in January of 2011. No VOCs were detected in groundwater samples collected from these wells in June of 2011 and September of 2011.

6.3 Current Site Usage

The non-contiguous property is located in the Bronx and occupies three New York City Tax Lots (Block 2485; Lots 35, 13, and 49) with the following addresses: 180 East 156th Street, 702 Grand Concourse, and 729 Concourse Village West located in the Bronx, New York. For purposes of this report and BCP Applications the Site is broken up into two sections known as Concourse Village West Apartments North and Concourse Village West Apartments South. The three tax lots (35, 49, and 13) have a total square footage of 42,968 square feet. Lot 35 is approximately 15,597 square feet in area and is rectangular in shape. A 2-story masonry and wood framed commercial building is located on the northwest corner of the site. The first floor of the building contains a five bay auto service repair garage. The second floor of the building contains a retail coin-operated laundromat. The remainder of the property is occupied by an attendant parking lot with aboveground steel framed auto lifts located along the eastern and western boundaries of the site. Lot 49 is approximately 20,586 square feet in area and is utilized for an attendant parking lot. Lot 13 is approximately 13,801 square feet in area and is also occupied by an attendant parking lot.

6.4 Remedial Investigation

The RI was conducted to define the nature, extent, and degree of potential contaminants at the Site. To accomplish these goals, soil, groundwater, and soil vapor samples were collected.

6.5 Contaminant Fate and Transport

The objective of the qualitative exposure assessment is to identify potential receptors and pathways for human exposure to the contaminants of concern (COC) that are present at, or migrating from, the Site. COCs are identified as those exceeding the applicable standards. 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.

As part of the RIR, a Quantitative Human Health Exposure Assessment (QHHEA) was performed to determine whether the Site poses an existing or future health hazard to the Site's exposed or potentially exposed population. The sampling data from the RI were evaluated to determine whether there is any health risk by characterizing the exposure setting, identifying exposure pathways, and evaluating contaminant fate and transport. This QHHEA was prepared in accordance with Appendix 3B and Section 3.3 (b) 8 of the NYSDEC Draft Division of Environmental Remediation (DER)-10 Technical Guidance for Site Investigation and Remediation.

6.6 Existence of Human Health Exposure

An exposure pathway begins with a source and mechanism of contaminant release resulting in the contamination of a receiving matrix (environmental medium). A complete exposure pathway also requires a point of potential contact with the contaminated matrix (i.e., exposure point), an exposure route (i.e., inhalation, ingestion, or dermal contact), and a receptor population. If an exposure pathway is not complete because it does not include a contaminated matrix, a point of potential contact, an exposure route, or a receptor, then no risk exists.

6.7 Known and Potential Sources (Contaminated Matrices and Transport Mechanisms)

Based on the results of the Remedial Investigation the known sources of contamination include:

Soil

- VOCs: 1,4-Dioxane

- SVOCs: including Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, Dibenzo(a,h)anthracene, and Indeno(1,2,3-cd)pyrene.
- Metals: Arsenic, Barium, Copper, Lead, Nickel, Selenium, and Zinc.
- Total PCBs

Groundwater

- VOCs: 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,3,5-Trimethylbenzene, Ethyl Benzene, Isopropylbenzene, n-Butylbenzene, n-Propylbenzene, o-Xylene, p- & m- Xylenes, p-Isopropyltoluene, sec-Butylbenzene, and Xylenes, Total.
- SVOCs: 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Chloronaphthalene, 2-Nitroaniline, 3,3-Dichlorobenzidine, 3-Nitroaniline, 4-Chloroaniline, 4-Nitroaniline, Aniline, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzyl butyl phthalate, Bis(2-chloroethoxy)methane, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether, Bis(2-ethylhexyl)phthalate, Chrysene, Diethyl phthalate, Dimethyl phthalate, Di-n-butyl phthalate, Di-n-octyl phthalate, Hexachlorobenzene, Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexachloroethane, Indeno(1,2,3-cd)pyrene, Isophorone, Naphthalene, Nitrobenzene, N-Nitrosodiphenylamine, and Pyrene.
- Total Metals: Barium, Beryllium, Chromium, Copper, Lead, Magnesium, Manganese, Nickel, Selenium, Sodium, and Zinc.
- Dissolved Metals: Magnesium, Manganese, Selenium, and Sodium.
- Pesticides: alpha-BHC, Chlordane, and Toxaphene.

Soil vapor

- VOCs: Benzene, Ethyl Benzene, o-Xylene, p- & m- Xylenes, Toluene, 1,1,1-Trichloroethane, Carbon tetrachloride, Tetrachloroethene.

6.8 Nature, Extent, Fate, and Transport of Contaminants (Potential Exposure Points)

The potential for exposure to contaminants exists but is minimal under current conditions as all soil is covered by the buildings and pavement.

Groundwater contaminants of concern include VOCs, SVOCs, and Metals. Groundwater is not exposed at the Site, and as the Site is served by the public water supply and groundwater use for potable supply is prohibited, groundwater is not used at the Site; therefore, there is no potential for exposure. There are no surface water bodies within the vicinity of the Site.

Chlorinated VOCs in soil vapor have been detected on-site at elevated values issued by NYSDOH for indoor and outdoor air. There are no established standards for guidance values for soil vapor. Engineering controls should be implemented in the design of the proposed building to prevent the potential exposure from chlorinated VOCs.

6.9 Potential Routes of Exposure

An exposure pathway is the means by which receptors come into contact with a Site-derived contaminant. Three potential primary routes exist by which contaminants can enter the body:

1. Ingestion of water, fill or soil
2. Inhalation of vapors and particulates
3. Dermal contact with water, fill, soil, or building materials

During intrusive construction work, potential routes of exposure will be through ingestion or dermal contact to fill. Inhalation of particulates released by trespassers or Site representatives accessing the construction site could also present a potential route of exposure (although likely minimal) to on-site and off-site receptors. Ingestion or dermal contact with groundwater is not likely due to the depth of groundwater at the Site, and the required use of the public water supply system.

The inhalation of contaminated soil vapor through release to outdoor air represents a minimal potential route of exposure. However, based upon analytical results obtained during the RI along with future plans to construct residential apartments, engineering controls should be set in place to mitigate potential future exposure to chlorinated solvents traveling through the soil vapor and entering into the building.

6.10 Receptor Populations

On-site Receptors – The Site is currently capped by structures and paved parking areas. On-site receptors are limited to patrons and employees of the existing businesses, site representatives and visitors accessing the uncapped areas of the property. During the construction efforts, the on-site potential receptors will include construction workers, Site representatives, and visitors.

Off-Site Receptors – Potential off-site receptors within a 0.25-mile radius of the Site include including adult and child residents in surrounding buildings, and commercial and construction workers, pedestrians, trespassers, and cyclists.

6.11 Overall Human Health Exposure Assessment

As discussed in the preceding sections, under existing conditions the QHHEA identified the potential for human exposure to contaminated soil (through dermal contact, ingestion, and inhalation of particulates) and soil vapor (through inhalation of vapors). There is no potential exposure to groundwater under current Site conditions.

A complete exposure pathway exists to contaminated soil for on-site receptors including trespassers, site representatives, and visitors accessing the uncapped areas of the Site.

Although they are likely limited, complete exposure pathways may also be present to off-site receptors through the inhalation of particulates released by trespassers, site representatives, and visitors accessing the uncapped areas of the property, or through the inhalation of contaminated soil vapor which has been released to outdoor air. The potential for exposure to contaminated soil vapor is also present through vapor intrusion into surrounding buildings.

During intrusive construction work, potential routes of exposure will be through ingestion or dermal contact to fill. Inhalation of particulates released by trespassers or site representatives accessing the construction site could also present a potential route of exposure (although likely minimal) to on-site and off-site receptors. Ingestion or dermal contact with groundwater is not likely due to the depth of groundwater at the Site, and the required use of the public water supply system.

7. Summary and Conclusions

7.1 Project Summary

The non-contiguous property is located in the Bronx and occupies three New York City Tax Lots (Block 2485; Lots 35, 13, and 49) with the following addresses: 180 East 156th Street, 702 Grand Concourse, and 729 Concourse Village West located in the Bronx, New York. For purposes of this report and BCP Applications the Site is broken up into two sections known as Concourse Village West Apartments North and Concourse Village West Apartments South. The three tax lots (35, 49, and 13) have a total square footage of 42,968 square feet. Lot 35 is approximately 15,597 square feet in area and is rectangular in shape. A 2-story masonry and wood framed commercial building is located on the northwest corner of the site. The first floor of the building contains a five bay auto service repair garage. The second floor of the building contains a retail coin-operated laundromat. The remainder of the property is occupied by an attendant parking lot with aboveground steel framed auto lifts located along the eastern and western boundaries of the site. Lot 49 is approximately 20,586 square feet in area and is utilized for an attendant parking lot. Lot 13 is approximately 13,801 square feet in area and is also occupied by an attendant parking lot.

7.2 Conclusions

The results of the Remedial Investigation indicate that the priority of concern will be the proper disposal of contaminated soils. Elevated levels of VOCs, SVOCs, and Metals were detected across the entirety of the Site in both shallow and deep soil. The groundwater collected indicates elevated levels of VOCs, SVOCs, and significantly elevated levels of Metals. The soil vapor at the site indicates the presence of VOCs across the entirety of the site, including BTEX constituents, 1,1,1-Trichloroethane, Carbon tetrachloride, and Tetrachloroethene.

7.3 Qualitative Human Health Exposure Summary

As discussed in the preceding sections, under existing conditions the QHHEA identified the potential for human exposure to contaminated soil (through dermal contact, ingestion, and inhalation of particulates) and soil vapor (through inhalation of vapors). There is no potential exposure to groundwater under current Site conditions.

A complete exposure pathway exists to contaminated soil for on-site receptors including trespassers, Site representatives, and visitors accessing the uncapped areas of the Site.

Although they are likely limited, complete exposure pathways may also be present to off-site receptors through the inhalation of particulates released by trespassers, Site representatives,

and visitors accessing the uncapped areas of the property, or through the inhalation of contaminated soil vapor which has been released to outdoor air. The potential for exposure to contaminated soil vapor is also present through vapor intrusion into surrounding buildings.

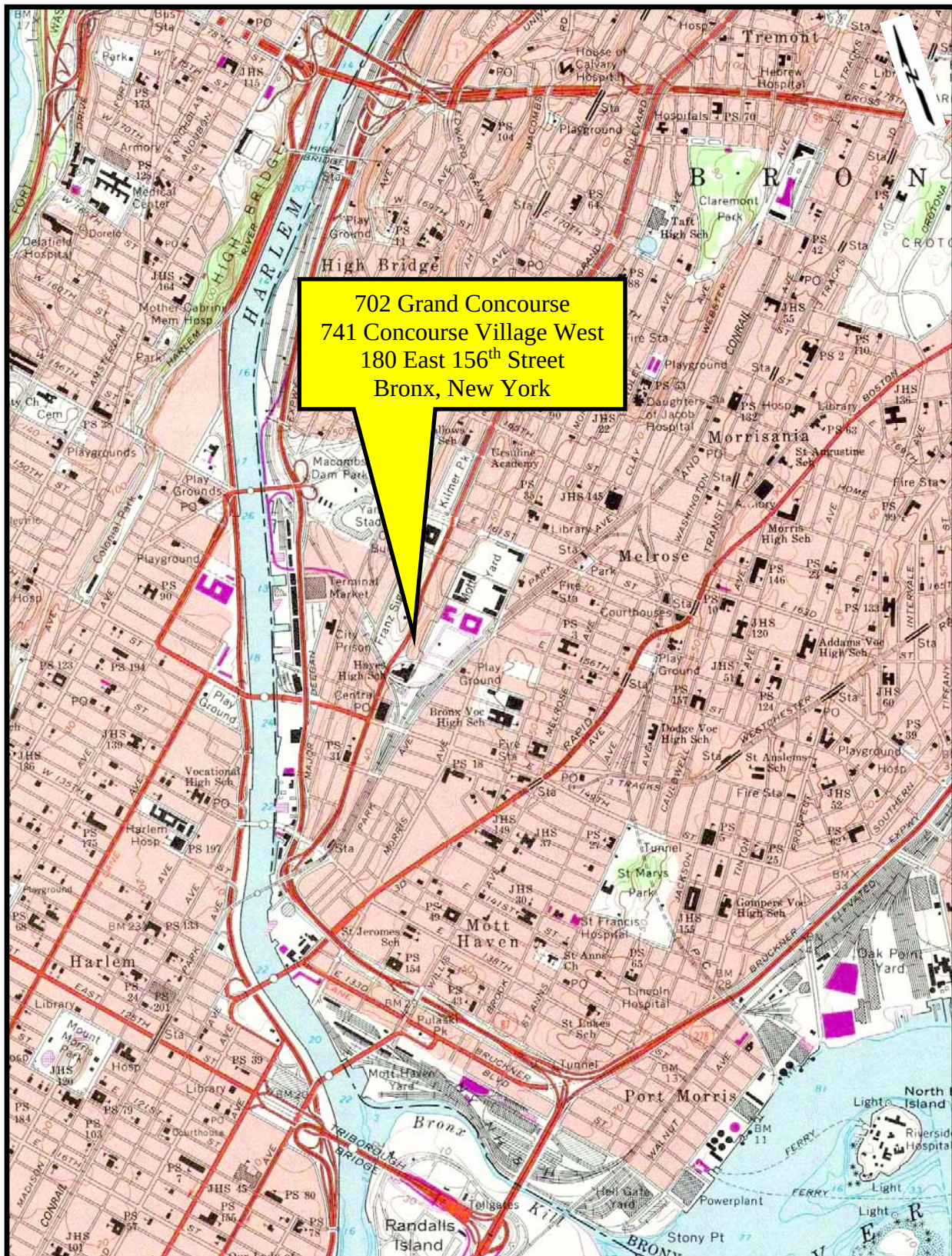
7.4 Recommendations

Based on the results of this investigation, GEI has drafted a Remedial Action Work Plan including a remedial alternatives analysis to evaluate remedial options and costs of remediating contaminated media at the Site.

The New York State BCP Jump Start Program, in which the Site is currently enrolled, limits the responsibility for cleanup and investigation to the boundaries of the Site.

Remedial action will consist of proper disposal of soil leaving the site due to elevated levels of SVOCs and Metals; and installation of a vapor barrier. The RAWP Plan will be submitted under a separate cover.

Figures



702 GRAND CONCOURSE, 741 CONCOURSE VILLAGE WEST,
180 EAST 115th STREET, BRONX, NEW YORK
CENTRAL PARK QUAD



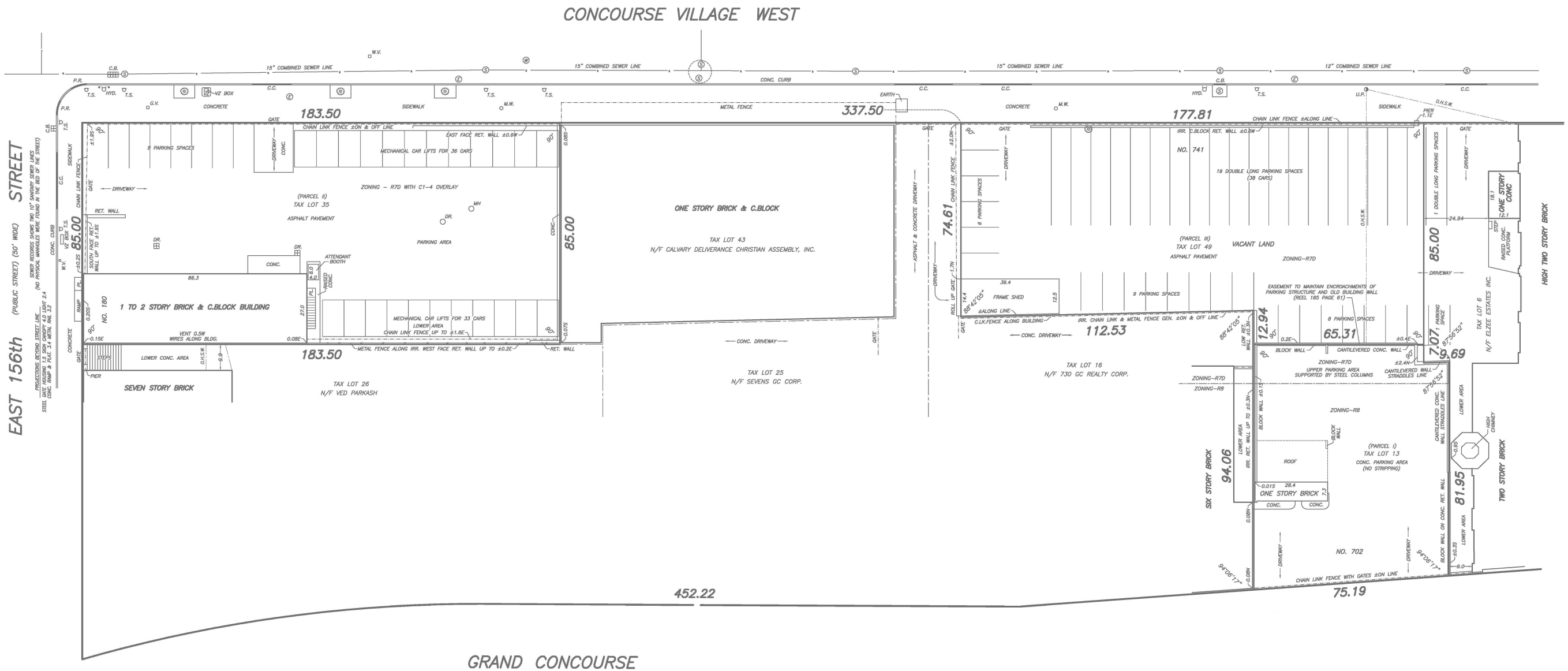
SITE LOCATION MAP

CONCOURSE VILLAGE WEST APARTMENTS
REMEDIAL INVESTIGATION REPORT

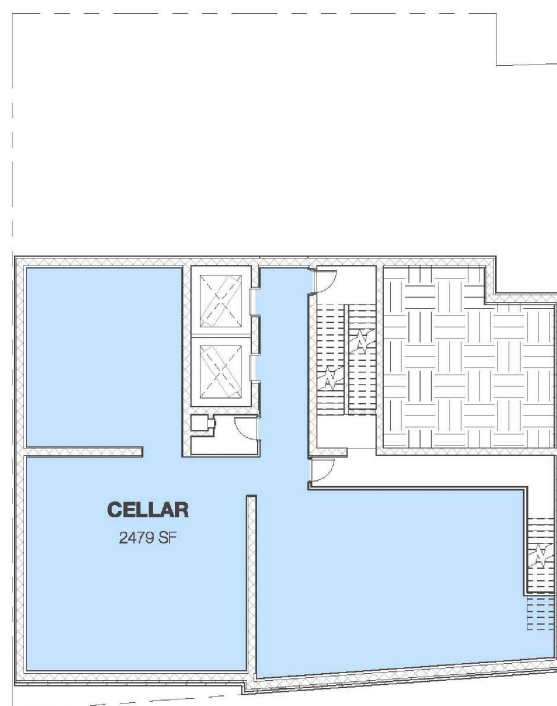
Project 1700655

May 2017

Fig 1



702 GRAND CONCOURSE 741 CONCOURSE VILLAGE WEST 180 EAST 156TH STREET BRONX, NEW YORK		SAMPLE LOCATION MAP	
CONCOURSE VILLAGE WEST APARTMENTS REMEDIAL INVESTIAGTION		Project 1700655	MAY 2017
			Fig. 2



* PLAN EXTRACTED FROM AUF GANG
ARCHITECTS DRAWING DATED
12/30/2016

702 GRAND CONCOURSE
BRONX, NEW YORK

CONCOURSE VILLAGE WEST APARTMENTS
REMEDIAL INVESTIAGTION

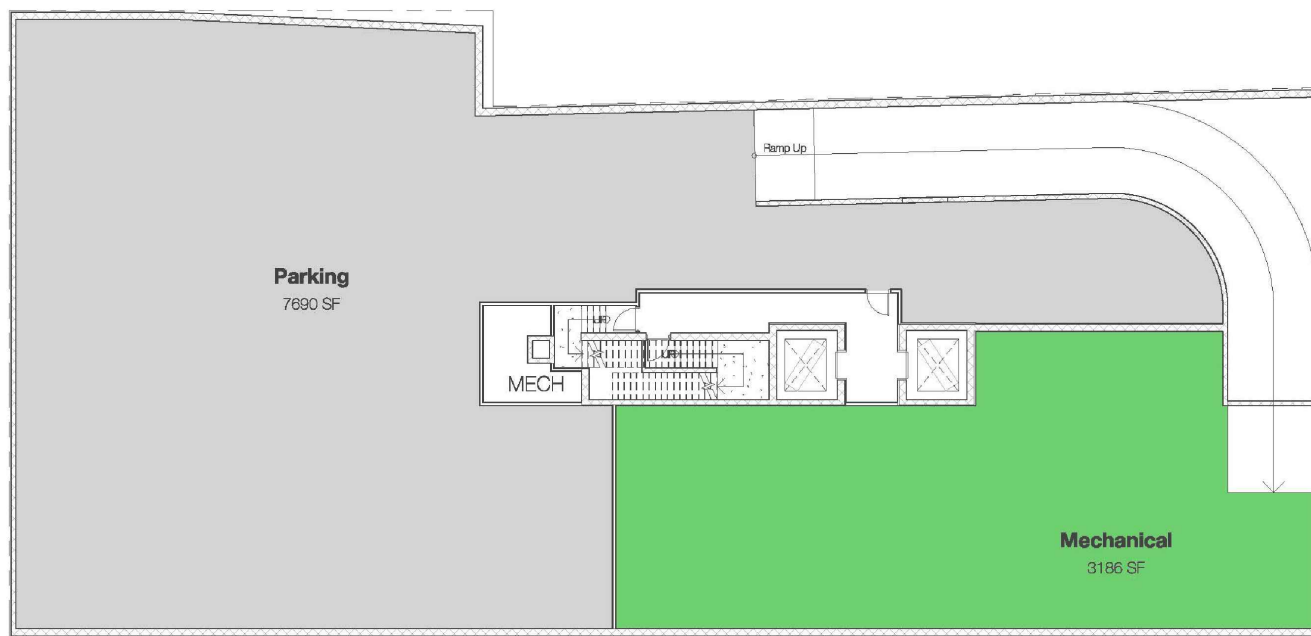


Project: 1700655

PROPOSED BUILDING PLAN

MAY 2017

Fig. 3A



* PLAN EXTRACTED FROM AUFANGANG
ARCHITECTS DRAWING DATED
12/30/2016

741 CONOURSE VILLAGE WEST
BRONX, NEW YORK

CONCOURSE VILLAGE WEST APARTMENTS
REMEDIAL INVESTIAGTION

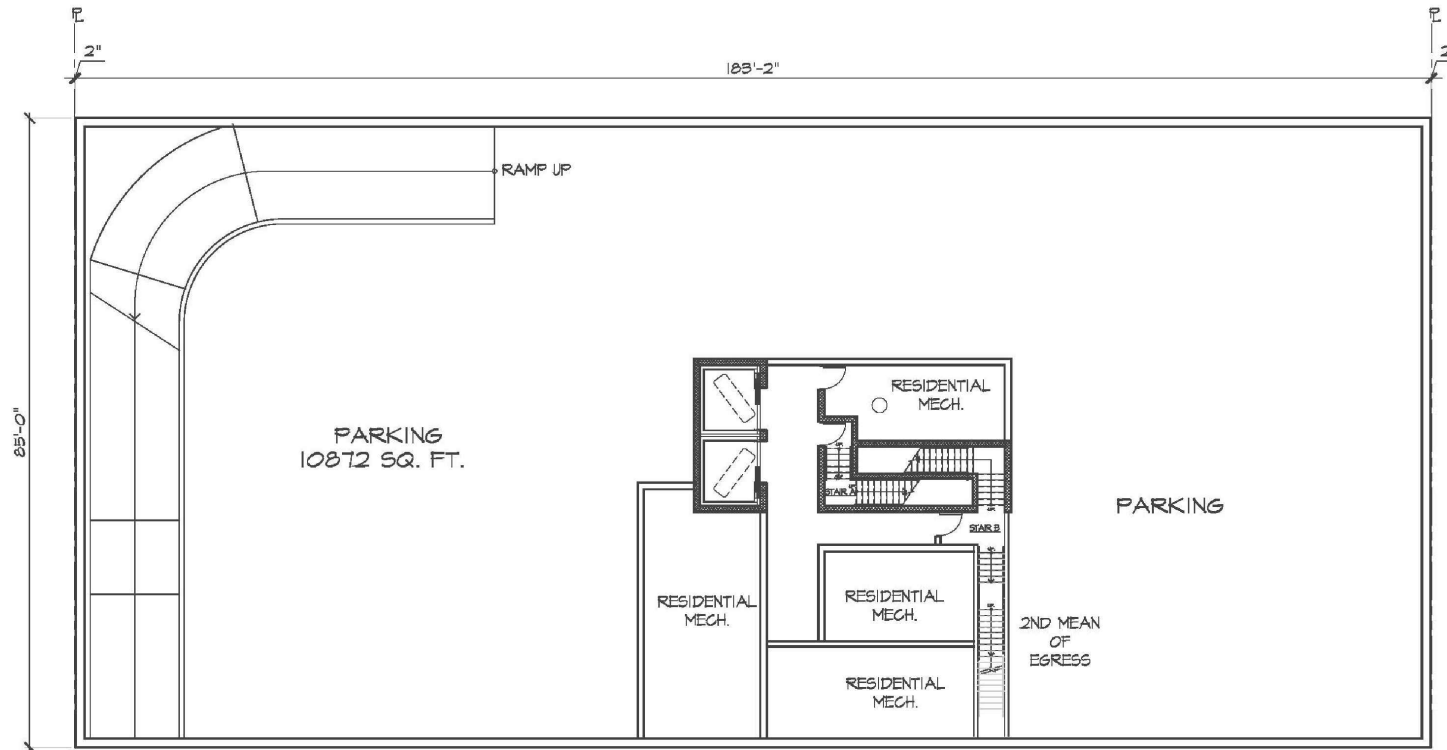


Project: 1700655

PROPOSED BUILDING PLAN

MAY 2017

Fig. 3B



* PLAN EXTRACTED FROM AUFANGANG
ARCHITECTS DRAWING DATED
12/30/2016

180 EAST 156TH
BRONX, NEW YORK

CONCOURSE VILLAGE WEST APARTMENTS
REMEDIAL INVESTIAGTION

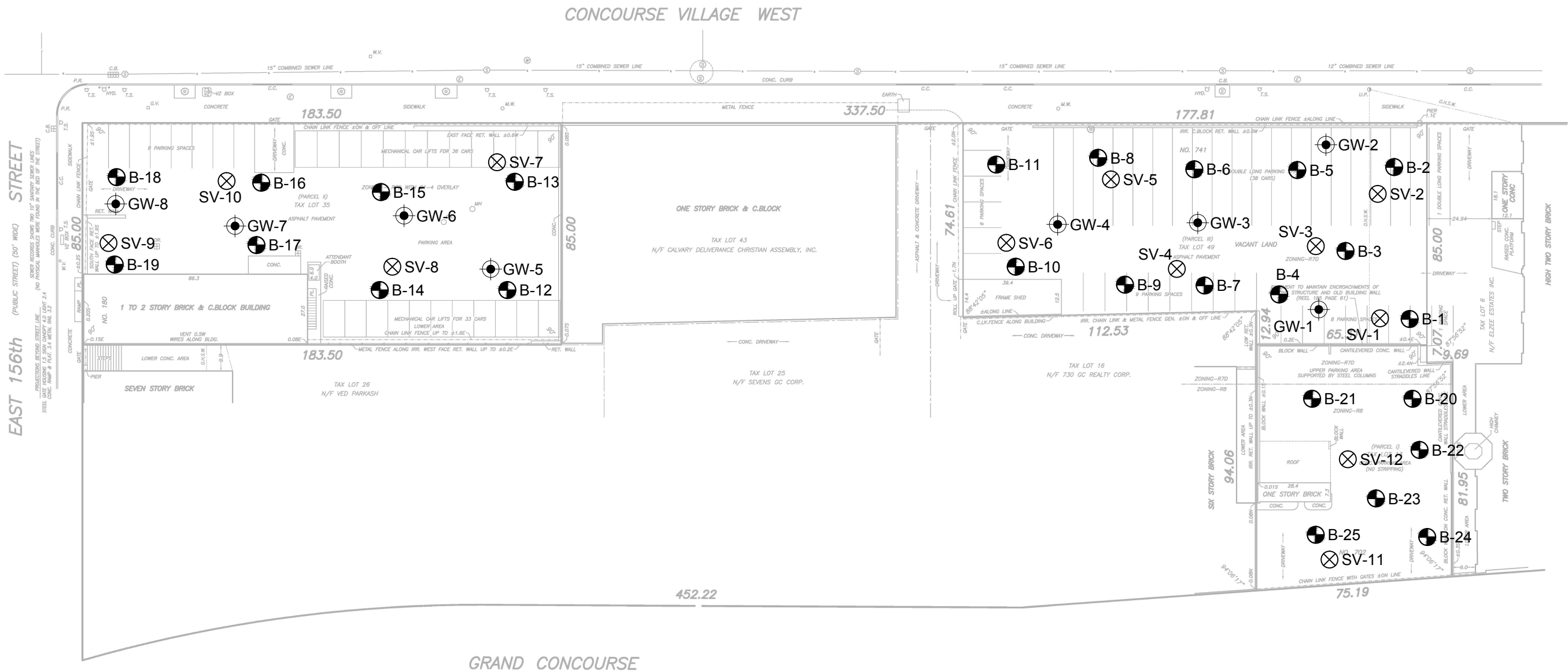


Project: 1700655

PROPOSED BUILDING PLAN

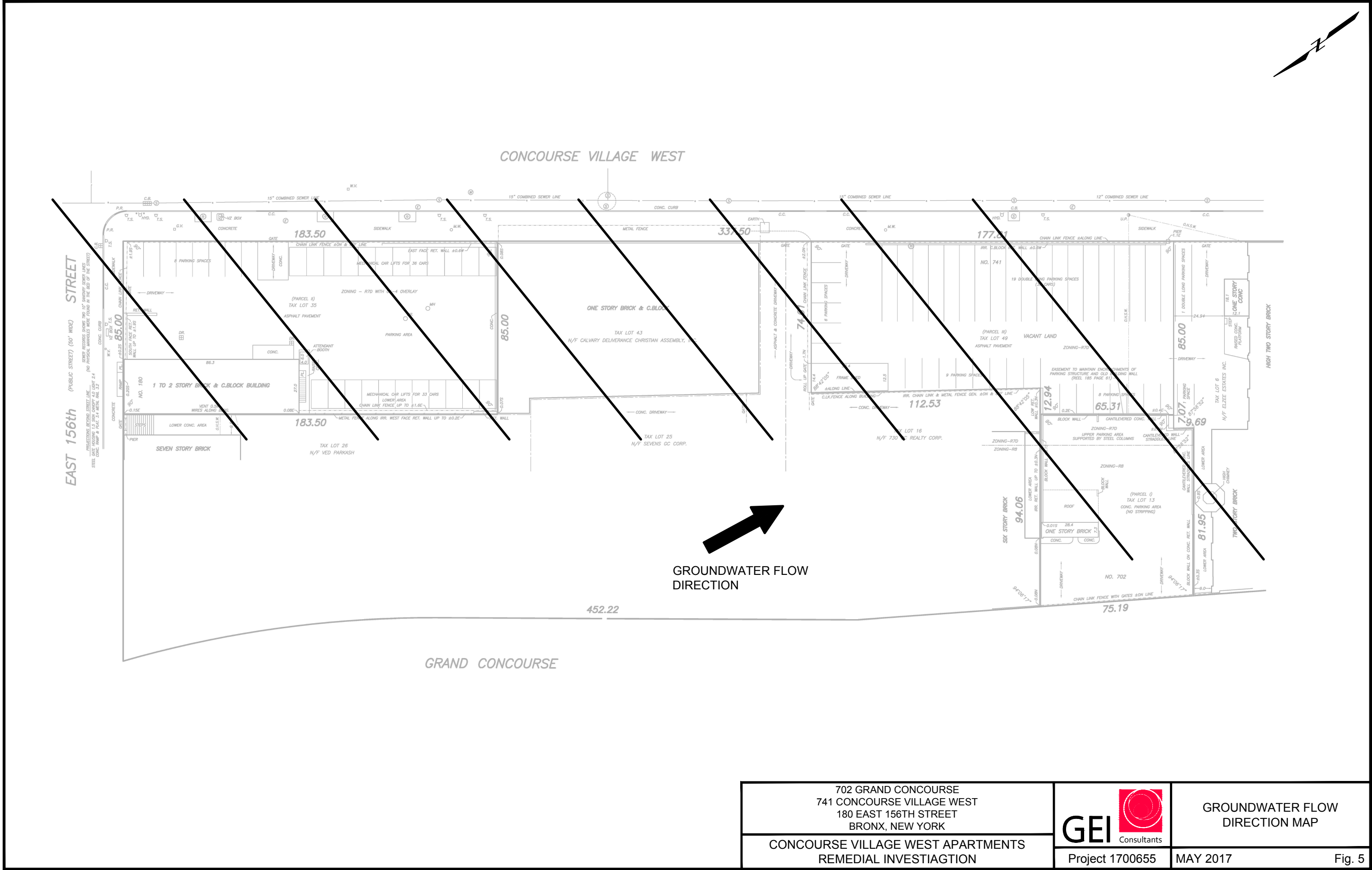
MAY 2017

Fig. 3C



702 GRAND CONCOURSE 741 CONCOURSE VILLAGE WEST 180 EAST 156TH STREET BRONX, NEW YORK	GEI Consultants	LOCATION OF SOIL BORINGS, TEMPORARY GROUNDWATER WELLS AND SOIL VAPOR SAMPLES
CONCOURSE VILLAGE WEST APARTMENTS REMEDIAL INVESTIGATION	Project 1700655	MAY 2017

Fig. 4



702 GRAND CONCOURSE
741 CONCOURSE VILLAGE WEST
180 EAST 156TH STREET
BRONX, NEW YORK

CONCOURSE VILLAGE WEST APARTMENTS
REMEDIAL INVESTIAGTION

GEI Consultants
Project 1700655

GROUNDWATER FLOW
DIRECTION MAP

MAY 2017

Fig. 5

	B-16 0-2ft 2/8/2017	B-16 6-8ft 2/8/2017	B-16 14-16ft 2/8/2017	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
Compound	Result	Result	Result		
mg/Kg					
Volatile Organics					
Acetone	0.180	0.0280	0.08	0.05	100
mg/Kg					
Metals					
Copper	64.400	28.900	24.1	50	270
Lead	130	75.200	32.8	63	400
Zinc	142	57.400	66.1	109	10000
mg/Kg					
Mercury	0.396	0.086	0.349	109	10000

	B-18 0-2ft 2/8/2017	B-18 6-8ft 2/8/2017	B-18 14-16ft 2/8/2017	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
Compound	Result	Result	Result		
mg/Kg					
Volatile Organics					
Acetone	0.0380	0.830	0.950	0.05	100
mg/Kg					
Metals					
Arsenic	4.030	117	7.300	13	16
Barium	111	2,040	241	350	400
Copper	32.300	1,310	196	50	270
Lead	113	2,790	237	63	400
Nickel	17.100	33.800	19.600	30	310
Selenium	4.540	82.200	1.360	3.9	180
Silver	0.631	2.900	0.678	2	180
Zinc	176	567	235	109	10000
mg/Kg					
Mercury	0.683	0.102	0.533	109	10000

	B-19 0-2ft 2/8/2017	B-19 6-8ft 2/8/2017	B-19 14-16ft 2/8/2017	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
Compound	Result	Result	Result		
mg/Kg					
Volatile Organics					
Acetone	0.250	0.0580	0.160	0.05	100
mg/Kg					
Metals					
Arsenic	4.030	117	7.300	13	16
Barium	111	2,040	241	350	400
Copper	32.300	1,310	196	50	270
Lead	113	2,790	237	63	400
Nickel	17.100	33.800	19.600	30	310
Selenium	4.540	82.200	1.360	3.9	180
Silver	0.631	2.900	0.678	2	180
Zinc	176	567	235	109	10000

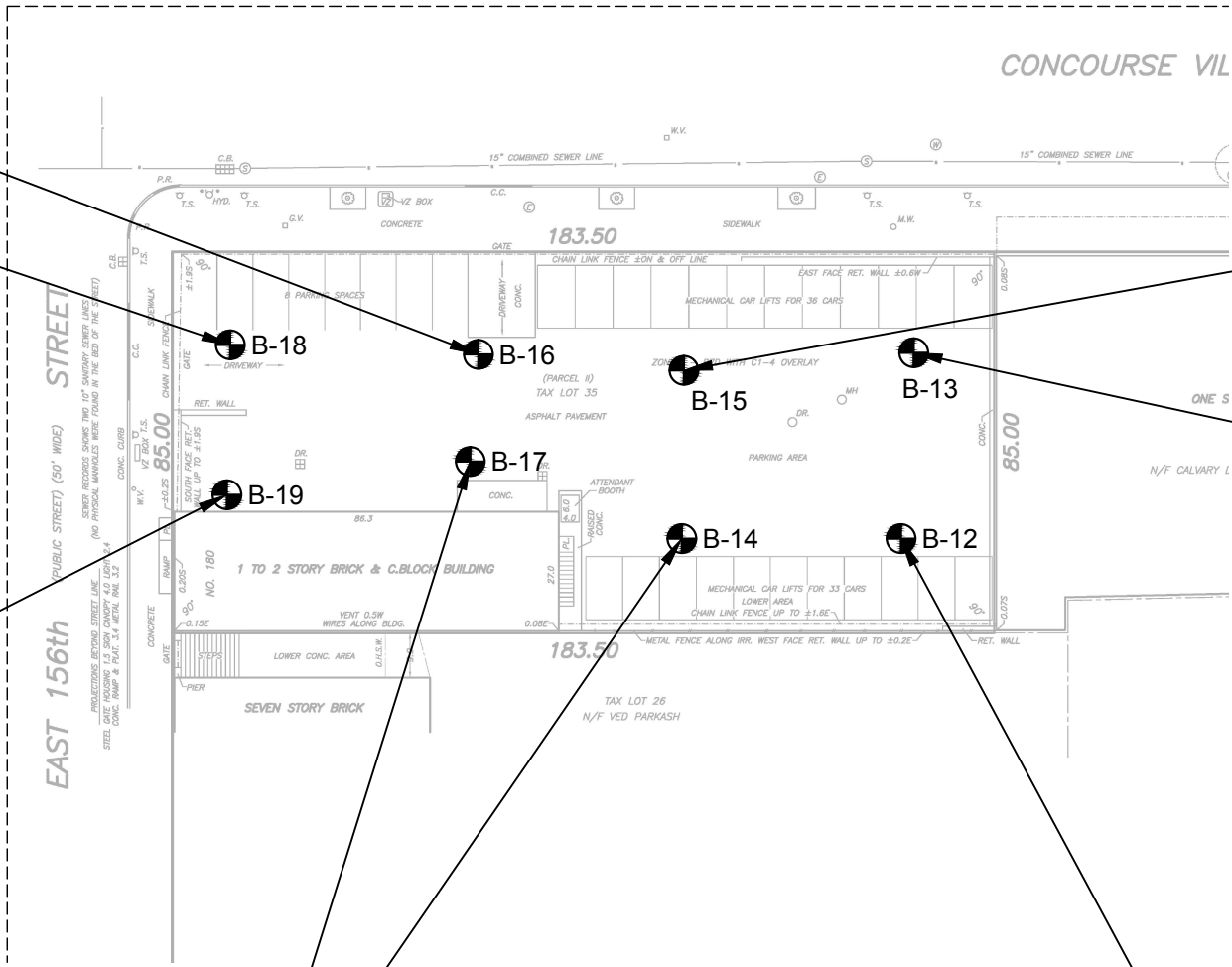
	B-17 0-2ft 2/8/2017	B-17 6-8ft 2/8/2017	B-17 14-16ft 2/8/2017	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
Compound	Result	Result	Result		
mg/Kg					
Volatile Organics					
Acetone	0.0310	0.280	0.320	1	1
mg/Kg					
Metals					
Barium	25.700	376	84.900	350	400
Copper	44.900	50.300	35.400	50	270
Lead	9.690	340	1,660	63	400
Selenium	1.160	1.360	7.490	3.9	180
Zinc	35.300	143	111	109	10000

	B-14 0-2ft 2/8/2017	B-14 6-8ft 2/8/2017	B-14 14-16ft 2/8/2017	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
Compound	Result	Result	Result		
mg/Kg					
Volatile Organics					
Acetone	0.0220	0.0450	0.340	0.05	100
mg/Kg					
Semi-Volatile Organics					
Benzo(a)anthracene	0.0802	1.550	0.312	1	1
Chrysene	0.0998	1.440	0.307	1	3.9
mg/Kg					
Metals					
Cadmium	0.808	2.590	0.999	350	400
Copper	44.600	93.500	297	50	270
Lead	79.300	517	829	63	400
Selenium	1.170	30	15.400	3.9	180
Zinc	127	446	375	109	10000

	B-15 0-2ft 2/8/2017	B-15 6-8ft 2/8/2017	B-15 14-16ft 2/8/2017	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
Compound	Result	Result	Result		
mg/Kg					
Semi-Volatile Organics					
Benzo(a)anthracene	0.0243	0.591	27.10	1	1
Benzo(a)pyrene	0.0243	0.609	4.93	1	1
Benzo(b)fluoranthene	0.0243	0.360	6.47	1	1
Benzo(k)fluoranthene	0.0243	0.679	5.92	0.8	3.9
Chrysene	0.0243	0.763	18.30	1	3.9
Dibenzo(a,h)anthracene	0.0243	0.271	2.34	0.33	0.33
Indeno(1,2,3-cd)pyrene	0.0243	0.531	3.91	0.5	0.5
mg/Kg					
Metals					
Barium	66.400	414	169	350	400
Copper	37.400	425	690	50	270
Lead	108	915	333	63	400
Selenium	1.670	2.210	4.8	3.9	180
Zinc	182	273	465	109	10000
mg/Kg					
Mercury	0.406	0.155	0.498	109	10000

	B-13 0-2ft 2/8/2017	B-13 6-8ft 2/8/2017	B-13 14-16ft 2/8/2017	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
Compound	Result	Result	Result		
mg/Kg					
Volatile Organics					
Acetone	0.100	0.0110	0.0530	0.05	100
mg/Kg					
Metals					
Copper	60.800	41.500	71.400	50	270
Lead	66.700	398	1,520	63	400
Zinc	86.300	133	1,050	109	10000
mg/Kg					
Mercury	0.271	0.170	2.870	109	10000

	B-12 0-2ft 2/8/2017	B-12 6-8ft 2/8/2017	B-12 14-16ft 2/8/2017	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
Compound	Result	Result	Result		
mg/Kg					
Volatile Organics					
Acetone	0.0320	0.0550	0.0110	0.05	100
mg/Kg					
Metals					
Copper	53.700	14.200	8	50	270
Lead	452	48.600	17.200	63	400
Zinc	258	57.900	62.200	109	10000
mg/Kg					
Mercury	0.258	0.102	0.0813	109	10000



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SOIL CHEMISTRY

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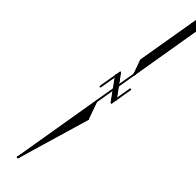


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SOIL CHEMISTRY MAP
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MAY 2017

Fig. 6A



Compound	B-11 0-2ft 2/13/2017	B-11 6-8ft 2/13/2017	B-11 14-16ft 2/13/2017	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
mg/Kg					
Semi-Volatile Organics					
Benzo(a)anthracene	2.180	22.600	0.941	1	1
Benzo(a)pyrene	2	33.800	0.824	1	1
Benzo(b)fluoranthene	1.720	21.300	0.831	1	1
Benzo(k)fluoranthene	1.920	25.500	0.990	0.8	3.9
Chrysene	2.450	24.900	1.020	1	3.9
Dibenz(a,h)anthracene	0.555	6.520	0.280	0.33	0.33
Indeno(1,2,3-cd)pyrene	1.110	9.090	0.385	0.5	0.5
Metals					
Barium	370	88.600	84.800	350	400
Copper	78.200	88.800	22.200	50	270
Lead	637	304	86.100	63	400
Zinc	507	297	89.100	109	10000
Mercury					
Mercury	2.990	1.400	0.747	109	10000

Compound	B-8 0-2ft 2/7/2017	B-8 6-8ft 2/7/2017	B-8 14-16ft 2/7/2017	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
mg/Kg					
Volatiles Organics					
Acetone	0.0370	0.0680	0.0750	0.05	100
Semi-Volatile Organics					
Benzo(a)anthracene	1.180	1.820	0.0444	1	1
Chrysene	0.719	1.010	0.0436	1	3.9
Metals					
Lead	47.600	238	3.930	63	400
Zinc	215	244	21.900	109	10000
Mercury					
Mercury	0.358	0.844	0.0319	109	10000

Compound	B-6 0-2ft 2/7/2017	B-6 6-8ft 2/7/2017	B-6 14-16ft 2/7/2017	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
mg/Kg					
Volatiles Organics					
Acetone	0.0170	0.0440	0.140	0.05	100
Semi-Volatiles					
Benzo(a)anthracene	1.230	0.0453	0.0454	1	1
Chrysene	1.220	0.0453	0.0454	1	3.9
Metals					
Lead	161	3.610	4.190	63	400
Mercury					
Mercury	0.314	0.0494	0.0326	0.18	0.81

Compound	B-5 0-2ft 2/7/2017	B-5 6-8ft 2/7/2017	B-5 14-16ft 2/7/2017	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
mg/Kg					
Volatiles Organics					
Acetone	0.0830	0.0610	0.0320	0.05	100
Semi-Volatiles					
Benzo(a)anthracene	1.590	0.204	0.0440	1	1
Benzo(b)fluoranthene	0.969	0.151	0.0440	0.8	3.9
Chrysene	1.610	0.213	0.0440	1	3.9
Metals					
Lead	140	11.900	3.420	63	400

Compound	B-2 0-2ft 2/7/17	B-2 6-8ft 2/7/17	B-2 14-16ft 2/7/17	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
mg/Kg					
Volatiles Organics					
1,4-Dioxane	0.170	0.0520	0.0550	0.1	13
Acetone	0.120	0.0230	0.0440	0.05	100
Semi-Volatiles					
Chrysene	1.150	0.0455	0.0459		
Metals					
Zinc	235	26.300	28.700		
Mercury					
Mercury	0.456	0.0326	0.0329		
PCBs					
Total PCBs	0.0244	0.0181	0.0183		

Compound	B-10 0-2ft 2/13/2017	B-10 6-8ft 2/13/2017	B-10 14-16ft 2/13/2017	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
mg/Kg					
Volatiles Organics					
Acetone	0.0350	0.0420	0.0830	0.05	100
Semi-Volatile Organics					
Benzo(a)anthracene	0.909	4.550	0.0441	1	1
Benzo(a)pyrene	0.847	2.980	0.0441	1	1
Benzo(b)fluoranthene	0.760	3.340	0.0441	1	1
Benzo(k)fluoranthene	0.902	3.060	0.0441	0.8	3.9
Chrysene	1.070	5.170	0.0441	1	3.9
Dibenz(a,h)anthracene	0.262	1.110	0.0441	0.33	0.33
Indeno(1,2,3-cd)pyrene	0.498	2.740	0.0441	0.5	0.5
Metals					
Barium	674	209	17.300	350	400
Copper	476	66.900	6.880	50	270
Lead	2,250	747	3.910	63	400
Selenium	5,390	1,780	1,240	3.9	180
Zinc	542	228	26.400	109	10000

Compound	B-9 0-2ft 2/13/2017	B-9 6-8ft 2/13/2017	B-9 14-16ft 2/13/2017	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
mg/Kg					
Volatiles Organics					
Acetone	0.0420	0.0510	0.160	0.05	100
Metals					
Copper	66.200	65.500	44.500	50	270
Lead	527	133	245	63	400
Zinc	379	166	129	109	10000
Mercury					
Mercury	0.403	0.331	0.0399	109	10000

Compound	B-7 0-2ft 2/13/2017	B-7 6-8ft 2/13/2017	B-7 14-16ft 2/13/2017	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
mg/Kg					
Volatiles Organics					
Acetone	0.0420	0.0510	0.160	0.05	100
Metals					
Copper	66.200	65.500	44.500	50	270
Lead	527	133	245	63	400
Zinc	379	166	129	109	10000
Mercury					
Mercury	0.403	0.331	0.0399	109	10000

Compound	B-7 0-2ft 2/7/2017	B-7 6-8ft 2/7/2017	B-7 14-16ft 2/7/2017	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
mg/Kg					
Volatiles Organics					
Acetone	0.0380	0.0370	0.0960	0.05	100
Semi-Volatile Organics					
Chrysene	0.719	1.010	0.0436	1	3.9
Metals					
Copper	27.800	86.500	7.420	50	270
Lead	47.600	237	3.540	63	400
Zinc	54.100	394	23.100	109	10000
Mercury					
Mercury	0.184	0.766	0.0355	109	10000

Compound	B-4 0-2ft 2/7/17	B-4 6-8ft 2/7/17	B-4 14-16ft 2/7/17	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
mg/Kg					
Semi-Volatiles					
Benzo(a)anthracene	6.91	0.0437	6.35	1	1
Benzo(a)pyrene	1.310	0.0437	6.38	1	1
Benzo(b)fluoranthene	1.640	0.0437	6.71	1	1
Benzo(k)fluoranthene	1.970	0.0437	6.62	0.8	3.9
Chrysene	6.420	0.0437	6.87	1	3.9
Dibenz(a,h)anthracene	0.635	0.0437	1.54	0.33	0.33
Indeno(1,2,3-cd)pyrene	1.110	0.0437	3.19	0.5	0.5
Metals					
Copper	9.220	8.520	137.00	50	270
Lead	3.800	3.880	695.00	63	400
Zinc	22.700	24	546.00	109	10000
Mercury					
Mercury	0.175	0.0314	1.24	0.18	0.81
PCBs					
Total PCBs	0.0175	0.0174	0.02	0.1	1

Compound	B-21 0-2ft 2/13/2017	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
mg/Kg			
Semi-Volatile Organics			
Benzo(a)pyrene	2.260	1	1
Benzo(b)fluoranthene	2.520	1	1
Benzo(k)fluoranthene	2.480	0.8	3.9
Chrysene	0.880	0.33	0.33
Indeno(1,2,3-cd)pyrene	1.970	0.5	0.5
Metals			
Copper	92.600	50	270
Lead	569	63	400
Selenium	4.160	3.9	180
Zinc	11.700	109	10000
Mercury			
Mercury	3.120	0.18	0.81
PCBs			
Total PCBs	0.282	0.1	1.0

Compound	B-25 0-2ft 2/13/17	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
mg/Kg			
Metals			
Zinc	313	109	10000

Compound	B-24 0-2ft 2/13/17	B-24 6-8ft 2/13/17	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
mg/Kg				
Volatiles Organics				
Acetone	0.0300	0.0940	0.05	100
Metals				
Zinc	121	119	109	10000

Compound	B-23 0-2ft 2/13/17	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
mg/Kg			
Volatiles Organics			
Acetone	0.0730	0.05	100

Compound	B-22 0-2ft 2/13/2017	B-22 6-8ft 2/13/2017	B-22 14-16ft 2/13/2017	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential
mg/Kg					
Volatiles Organics					
Acetone	0.0410	0.0990	0.0300	0.05	100
Semi-Volatile Organics					
Benzo(a)anthracene	0.306	2.010	0.405	1	1
Benzo(a)pyrene	0.413	2.150	0.494	1	1
Benzo(b)fluoranthene	0.313	2.230	0.411	1	1
Benzo(k)fluoranthene	0.421	1.880	0.480	0.8	3.9
Chrysene	0.357	2.040	0.459	1	3.9
Dibenz(a,h)anthracene	0.101	0.442	0.111	0.33	0.33
Indeno(1,2,3-cd)pyrene	0.207	0.921	0.220	0.5	0.5
Metals					
Copper	140	28.300	59.600	50	270
Lead	180	79	178.000	63	400
Selenium	3.500	6.880	4.500	3.9	180
Zinc	338	100	152.000	109	10000
Mercury					
Mercury	0.386	1.020	0.343	0.18	0.81

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SOIL CHEMISTRY

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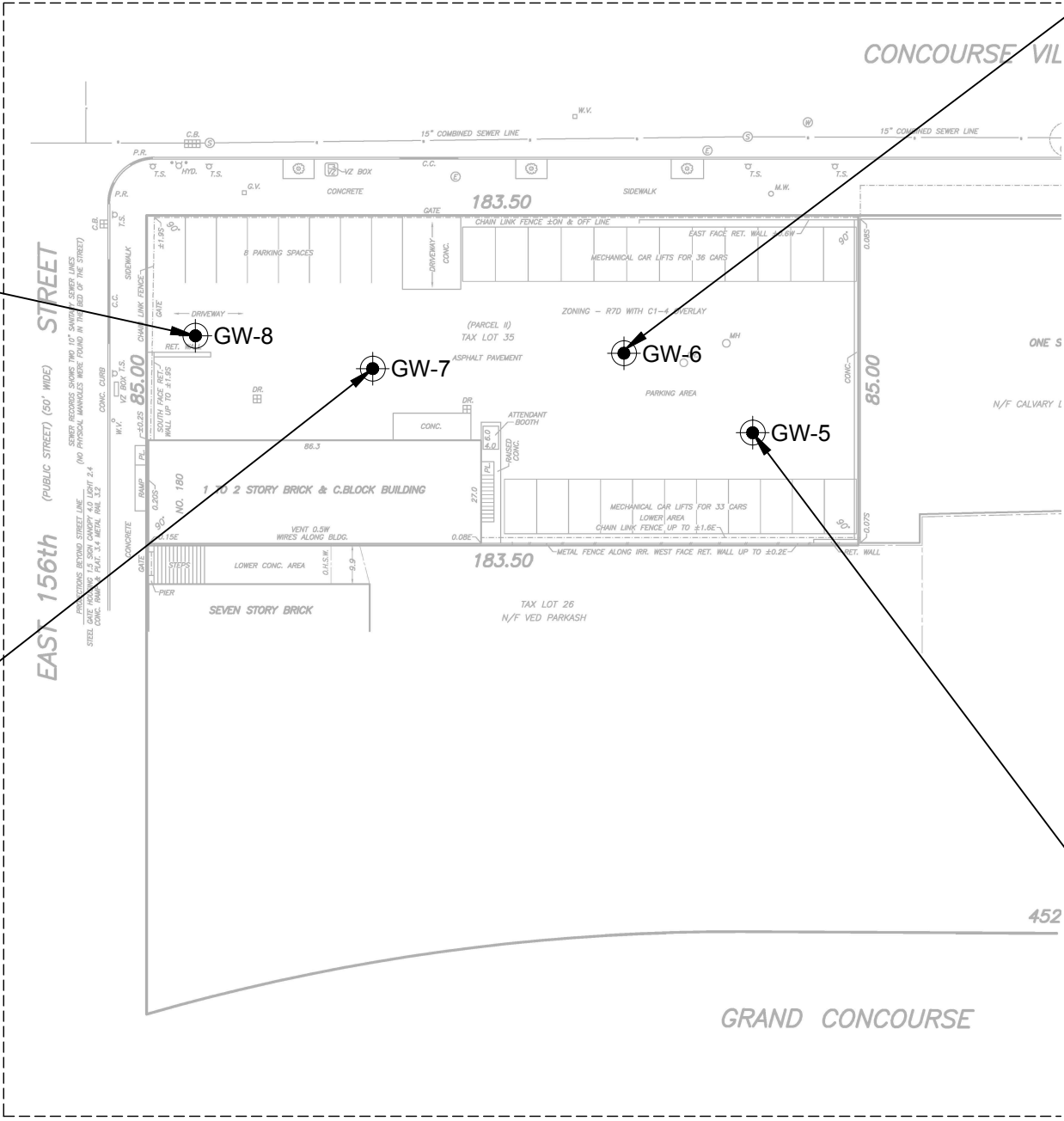
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Compound	GW-8 2/8/2017 Result	NYSDEC TOGS Standards and Guidance Values
Volatile Organics	ug/L	ug/L
1,2,4-Trimethylbenzene	8.4	5
1,3,5-Trimethylbenzene	5.6	5
Ethyl Benzene	7.0	5
p- & m- Xylenes	8.0	5
Xylenes, Total	10.0	5
Semi-Volatiles	ug/L	ug/L
Benzo(a)anthracene	3.23	0.002
Benzo(a)pyrene	3.23	0.002
Benzo(b)fluoranthene	3.23	0.002
Benzo(k)fluoranthene	3.23	0.002
Chrysene	3.23	0.002
Indeno(1,2,3-cd)pyrene	3.23	0.002
Pyrene	199	50
Metals, Dissolved	ug/L	
Manganese	5,270	300
Selenium	11,100	10
Sodium	113,000	20,000

Compound	GW-7 2/8/2017 Result	NYSDEC TOGS Standards and Guidance Values
Volatile Organics	ug/L	ug/L
1,2,4-Trimethylbenzene	180	5
1,3,5-Trimethylbenzene	35	5
Ethyl Benzene	130	5
Isopropylbenzene	32	5
n-Butylbenzene	15	5
n-Propylbenzene	36	5
o-Xylene	14	5
p- & m- Xylenes	200	5
p-Isopropyltoluene	6,400	5
Xylenes, Total	210	5
Semi-Volatiles	ug/L	ug/L
Benzo(a)anthracene	0.110	0.002
Benzo(a)pyrene	0.210	0.002
Benzo(b)fluoranthene	0.180	0.002
Benzo(k)fluoranthene	0.240	0.002
Chrysene	0.120	0.002
Indeno(1,2,3-cd)pyrene	0.0900	0.002
Naphthalene	19,400	10
Metals, Dissolved	ug/L	
Manganese	1,950	300
Selenium	11,100	10
Sodium	200,000	20,000

Compound	GW-6 2/8/2017 Result	NYSDEC TOGS Standards and Guidance Values
Volatile Organics	ug/L	ug/L
Dilution Factor	1	5
1,2,4-Trimethylbenzene	0.43	5
1,3,5-Trimethylbenzene	0.20	5
Ethyl Benzene	0.20	5
Isopropylbenzene	0.20	5
n-Butylbenzene	0.20	5
n-Propylbenzene	0.20	5
o-Xylene	0.20	5
p- & m- Xylenes	0.50	5
p-Isopropyltoluene	0.20	5
sec-Butylbenzene	0.20	5
Xylenes, Total	0.60	5
Semi-Volatiles	ug/L	ug/L
Benzo(a)anthracene	0.0526	0.002
Benzo(a)pyrene	0.147	0.002
Benzo(b)fluoranthene	0.168	0.002
Benzo(k)fluoranthene	0.137	0.002
Chrysene	0.0737	0.002
Indeno(1,2,3-cd)pyrene	0.0947	0.002
Metals, Dissolved	ug/L	
Magnesium	44,900	35,000
Manganese	1,390	30
Selenium	17	10

Compound	GW-5 2/8/2017 Result	NYSDEC TOGS Standards and Guidance Values
Semi-Volatiles	ug/L	ug/L
Benzo(a)anthracene	0.0526	0.002
Benzo(a)pyrene	0.0526	0.002
Benzo(b)fluoranthene	0.0526	0.002
Benzo(k)fluoranthene	0.0526	0.002
Chrysene	0.0526	0.002
Indeno(1,2,3-cd)pyrene	0.0526	0.002
Metals, Dissolved	ug/L	ug/L
Selenium	30	10
Sodium	117,000	20,000



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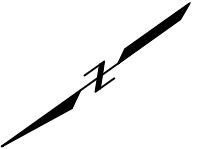
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GROUNDWATER CHEMISRTY
MAP
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MAY 2017

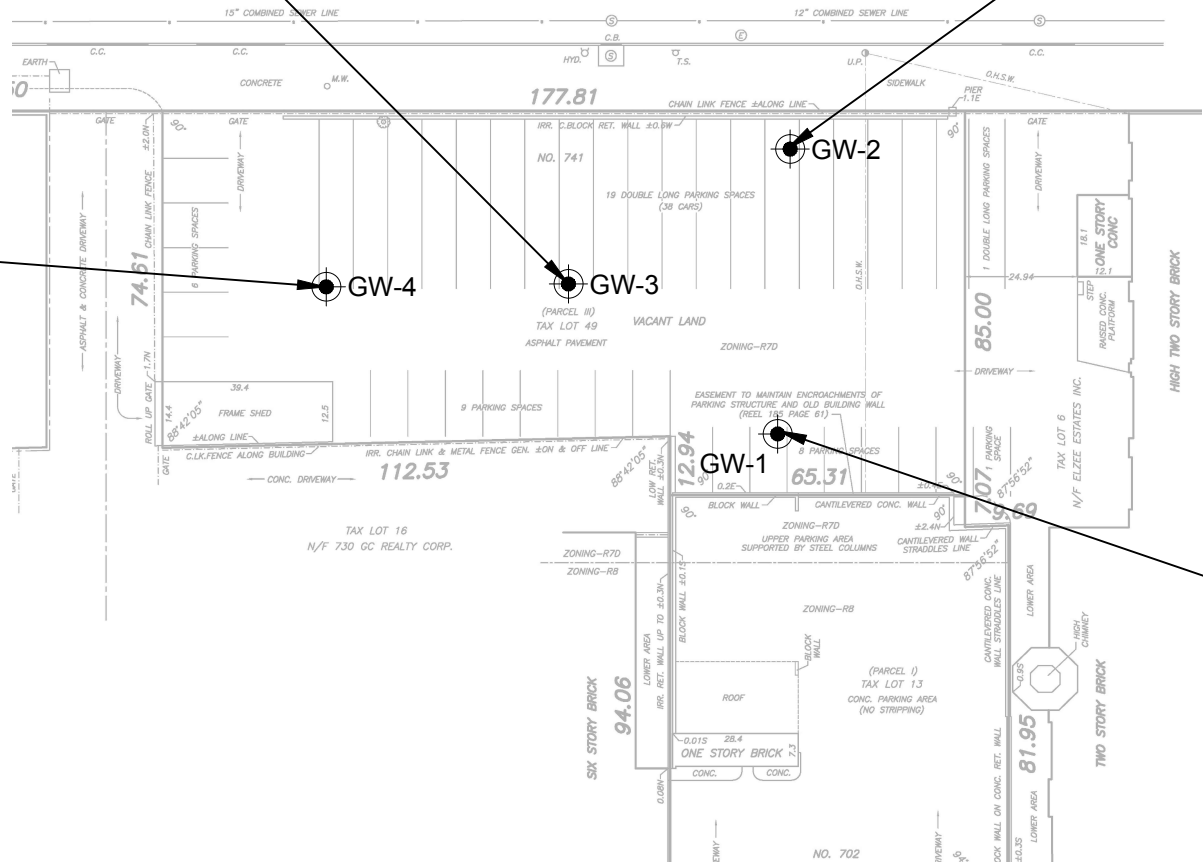
Fig. 7A



Compound	GW-3 2/8/2017 Result	NYSDEC TOGS Standards and Guidance Values
Volatile Organics		
1,2,4-Trimethylbenzene	240	5
1,3,5-Trimethylbenzene	45	5
Ethyl Benzene	150	5
Isopropylbenzene	36	5
n-Butylbenzene	22	5
n-Propylbenzene	48	5
o-Xylene	12	5
p- & m- Xylenes	230	5
sec-Butylbenzene	6.3	5
Xylenes, Total	240	5
Semi-Volatiles		
Benzo(a)anthracene	0.116	0.002
Benzo(a)pyrene	0.232	0.002
Benzo(b)fluoranthene	0.200	0.002
Benzo(k)fluoranthene	0.200	0.002
Chrysene	0.147	0.002
Indeno(1,2,3-cd)pyrene	0.105	0.002
Naphthalene	24	10
Metals, Dissolved		
Manganese	1,940	300
Selenium	11,100	10
Sodium	198,000	20,000

Compound	GW-2 2/8/2017 Result	NYSDEC TOGS Standards and Guidance Values
Volatile Organics		
Benzo(b)fluoranthene	0.0513	0.002
Benzo(k)fluoranthene	0.0513	0.002
Chrysene	0.0513	0.002
Indeno(1,2,3-cd)pyrene	0.0513	0.002
Naphthalene	0.0513	10
Pyrene	0.0513	50
Metals, Dissolved		
Magnesium	45,900	35,000
Manganese	1,470	300
Selenium	29	10

Compound	GW-4 2/8/2017 Result	NYSDEC TOGS Standards and Guidance Values
Volatile Organics		
1,2,4-Trimethylbenzene	7.4	5
Ethyl Benzene	6.8	5
p- & m- Xylenes	7.4	5
Xylenes, Total	9.3	5
Semi-Volatiles		
Benzo(a)anthracene	0.526	0.002
Benzo(a)pyrene	0.526	0.002
Benzo(b)fluoranthene	0.526	0.002
Benzo(k)fluoranthene	0.526	0.002
Chrysene	0.526	0.002
Indeno(1,2,3-cd)pyrene	0.526	0.002
Metals, Dissolved		
Manganese	5,230	300
Selenium	11,100	10
Sodium	116,000	20,000



Compound	GW-1 2/8/2017 Result	NYSDEC TOGS Standards and Guidance Values
Selenium		
Selenium	48	10
Sodium		
Sodium	147,000	20,000
Semi-Volatiles		
Benzo(a)anthracene	0.0526	0.002
Benzo(a)pyrene	0.0526	0.002
Benzo(b)fluoranthene	0.0526	0.002
Benzo(k)fluoranthene	0.0526	0.002
Chrysene	0.0526	0.002
Indeno(1,2,3-cd)pyrene	0.0526	0.002
Metals, Dissolved		
Selenium	48	10
Sodium	147,000	20,000

LEGEND
GROUNDWATER

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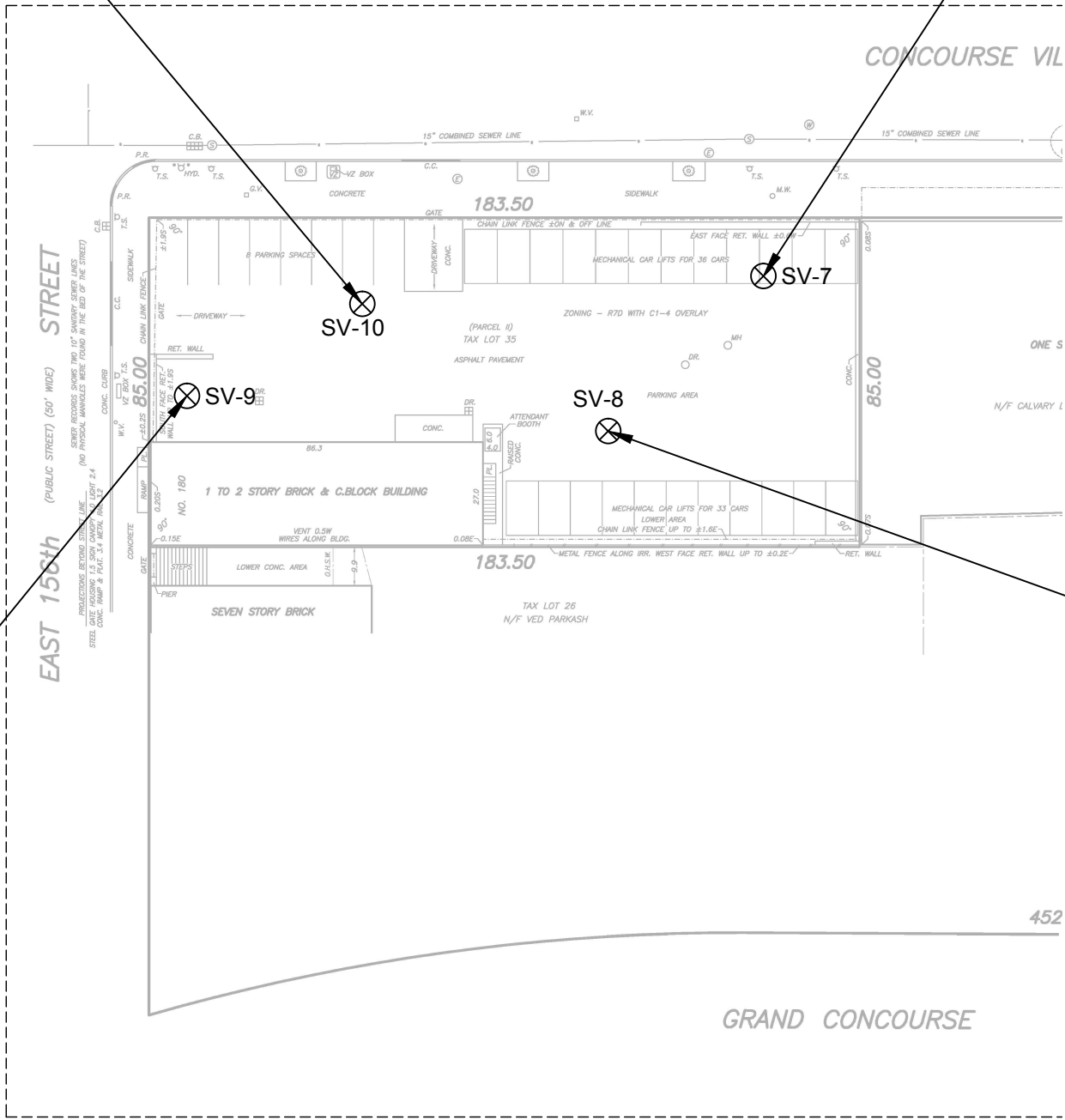
GROUNDWATER CHEMISTRY
MAP
2 OF 2

MAY 2017

Fig. 7B

Sample ID	SV-10	
Sampling Date	2/8/2017	
Client Matrix	Soil Vapor	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List		
Dilution Factor	ug/m3	
	22.3	
1,1,1,2-Tetrachloroethane	15	U
1,1,1-Trichloroethane	12	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	17	U
1,1,2-Trichloroethane	12	U
1,1-Dichloroethane	9	U
1,1-Dichloroethylene	8.800	U
1,2,4-Trichlorobenzene	17	U
1,2,4-Trimethylbenzene	11	U
1,2-Dichlorobenzene	13	U
1,2-Dichloroethane	9	U
1,2-Dichloropropane	10	U
1,2-Dichlorotetrafluoroethane	16	U
1,3,5-Trimethylbenzene	11	U
1,3-Dichlorobenzene	13	U
1,4-Dichlorobenzene	13	U
2-Butanone	6.600	U
Acetone	11	D
Benzene	18	D
Bromodichloromethane	15	U
Bromomethane	8.700	U
Carbon disulfide	6.900	U
Carbon tetrachloride	3.500	U
Chlorobenzene	10	U
Chloroform	30	D
Chloromethane	4.600	U
cis-1, 2-Dichloroethylene	8.800	U
Cyclohexane	10	D
Dichlorodifluoromethane	11	U
Ethyl Benzene	21	D
Hexachlorobutadiene	24	U
Methyl tert-butyl ether (MTBE)	8	U
Methylene chloride	15	U
n-Heptane	25	D
n-Hexane	37	D
o-Xylene	13	D
p- & m- Xylenes	35	D
p-Ethyltoluene	11	U
Propylene	3.800	U
Tetrachloroethylene	15	D
Tetrahydrofuran	31	D
Toluene	270	D
trans-1, 2-Dichloroethylene	8.800	U
Trichloroethylene	3	U
Trichlorofluoromethane (Freon 11)	13	U

Sample ID	SV-9	
Sampling Date	2/8/2017	
Client Matrix	Soil Vapor	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
Dilution Factor	20.57	
1,1,1,2-Tetrachloroethane	14	U
1,1,1-Trichloroethane	11	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	16	U
1,1,2-Trichloroethane	11	U
1,1-Dichloroethane	8,300	U
1,1-Dichloroethylene	8,200	U
1,2,4-Trichlorobenzene	15	U
1,2,4-Trimethylbenzene	10	U
1,2-Dichlorobenzene	12	U
1,2-Dichloroethane	8,300	U
1,2-Dichloropropane	9,500	U
1,2-Dichlorotetrafluoroethane	14	U
1,3,5-Trimethylbenzene	10	U
1,3-Dichlorobenzene	12	U
1,4-Dichlorobenzene	12	U
2-Butanone	6,100	U
Acetone	42	D
Benzene	6,600	U
Bromodichloromethane	21	D
Bromomethane	8	U
Carbon disulfide	6,400	U
Carbon tetrachloride	3,200	U
Chlorobenzene	9,500	U
Chloroform	240	D
Chloromethane	4,200	U
cis-1, 2-Dichloroethylene	8,200	U
Cyclohexane	7,100	U
Dichlorodifluoromethane	10	U
Ethyl Benzene	8,900	U
Hexachlorobutadiene	22	U
Methyl tert-butyl ether (MTBE)	7,400	U
Methylene chloride	14	U
n-Heptane	73	D
n-Hexane	86	D
o-Xylene	8,900	U
p- & m- Xylenes	18	U
p-Ethyltoluene	10	U
Propylene	27	D
Tetrachloroethylene	40	D
Tetrahydrofuran	12	U
Toluene	34	D
trans-1, 2-Dichloroethylene	8,200	U
Trichloroethylene	2,800	U
Trichlorofluoromethane (Freon 11)	12	U



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180 EAST 156TH STREET
BRONX, NEW YORK

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REMEDIAL INVESTIAGTION

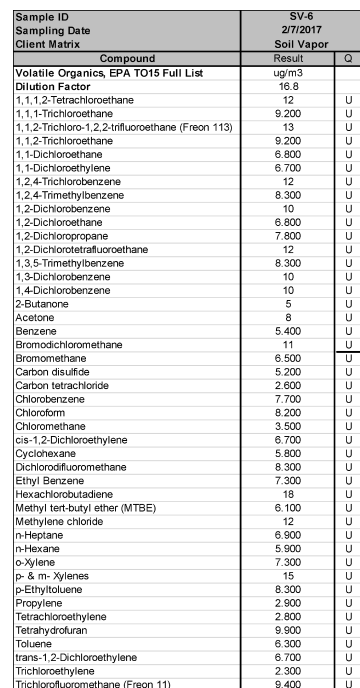


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SOIL VAPOR CHEMISTRY MAP
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Fig. 8A



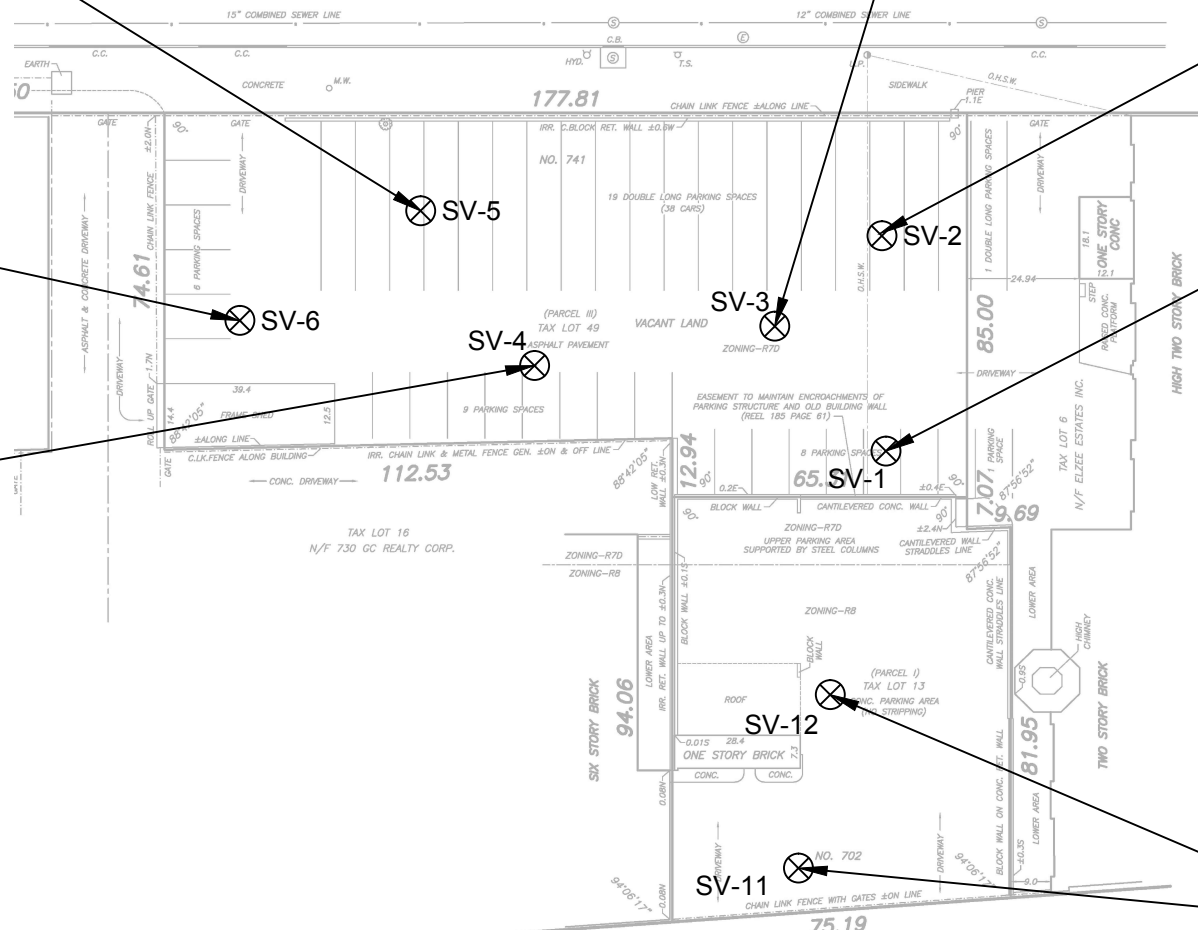
Sample ID	SV-5	
Sampling Date	2/7/2017	
Client Matrix	Soil Vapor	
Compound	Result	Q
Volatile Organics, EPA T015 Full List	ug/m3	
Dilution Factor	21.18	
1,1,1,2-Tetrachloroethane	31	D
1,1,1-Trichloroethane	22	D
1,1,2-Trichloroethane	42	D
1,1,2,2,2-Trifluoroethane (Freon 113)	22	D
1,1-Dichloroethane	16	D
1,2-Dichloroethylene	14	D
1,2,4-Trichlorobenzene	130	D
1,2,4-Trimethylbenzene	12	D
1,2-Dichlorobenzene	23	D
1,2-Dichloroethane	15	D
1,2-Dichloropropane	16	D
1,2-Dichlorotetrafluoroethane	43	D
1,3,5-Trimethylbenzene	16	D
1,3-Dichlorobenzene	20	D
1,4-Dichlorobenzene	14	D
2-Butanone	7,500	D
Acetone	14	D
Benzene	11	D
Bromodichloromethane	14	U
Bromomethane	27	D
Carbon disulfide	12	D
Carbon tetrachloride	24	D
Chlorobenzene	20	D
Chloroform	23	D
Chloromethane	12	D
cis-1,2-Dichloroethylene	11	D
Cyclohexane	7,300	U
Dichlorodifluoroethane	27	D
Ethyl Benzene	11	D
Hexachlorobutadiene	86	D
Methyl tert-butyl ether (MTBE)	7,600	U
Methylene chloride	15	D
n-Heptane	8,700	U
n-Hexane	7,500	U
o-Xylene	9,200	U
p- & m- Xylenes	21	D
p-Ethyltoluene	11	D
Propylene	3,600	U
Tetrachloroethylene	23	D
Tetrahydrofuran	12	U
Toluene	8	D
trans-1,2-Dichloroethylene	12	D
Trichloroethylene	15	D
Trichlorofluoroethane (Freon 11)	44	D

Sample ID	SV 4	
Sampling Date	2/7/2017	
Client	Soil Vapor	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
Dilution Factor	20.83	
1,1,1,2-Tetrachloroethane	14	U
1,1,1-Trichloroethane	11	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	16	U
1,1,2-Trichloroethane	11	U
1,1-Dichloroethane	8,400	U
1,1-Dichloroethylene	8,300	U
1,2,4-Trichlorobenzene	15	U
1,2,4-Trimethylbenzene	10	U
1,2-Dichlorobenzene	13	U
1,2-Dichloroethane	8,400	U
1,2-Dichloropropane	9,600	U
1,2-Dichlorotetrafluoroethane	15	U
1,3,5-Trimethylbenzene	10	U
1,3-Dichlorobenzene	13	U
1,4-Dichlorobenzene	13	U
2-Butanone	6,100	U
Acetone	36	D
Benzene	6,700	U
Bromodichloromethane	14	U
Bromomethane	8,100	U
Carbon disulfide	6,500	U
Carbon tetrachloride	3,300	U
Chlorobenzene	9,600	U
Chloroform	10	U
Chloromethane	4,300	U
cis-1,2-Dichloroethylene	8,300	U
Cyclohexane	7,200	U
Dichlorodifluoroethane	10	U
Ethyl Benzene	9	U
Hexachlorobutadiene	22	U
Methyl tert-butyl ether (MTBE)	7,500	U
Methylene chloride	14	U
n-Heptane	8,500	U
n-Hexane	7,300	U
o-Xylene	9	U
p- & m- Xylenes	18	U
p-Ethyltoluene	10	U
Propylene	30	D
Trichloroethylene	51	D
Tetrahydrofuran	12	U
Toluene	13	D
trans-1,2-Dichloroethylene	8,300	U
Trichloroethylene	2,800	U
Trichloroethoxyethane (Freon 11)	14	U

Sample ID	SV-3	
Sampling Date	2/7/2017	
Client Matrix	Soil Vapor	
Compound	Result	Q
Volatile Organics, EPA T015 Full List	ug/m ³	
Dilution Factor	21.53	
1,1,1,2-Tetrachloroethane	15	U
1,1,1-Trichloroethane	12	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	17	U
1,2-Dichloroethane	12	U
1,1-Dichloroethane	8.800	U
1,1-Dichloroethylene	8.600	U
1,2,4-Trichlorobenzene	16	U
1,2,4-Trimethylbenzene	11	U
1,2-Dichlorobenzene	13	U
1,2-Dichloroethane	8.800	U
1,2-Dichloropropane	10	U
1,2-Dichlorotetrafluoroethane	15	U
1,3,5-Trimethylbenzene	11	U
1,3-Dichlorobenzene	13	U
1,4-Dichlorobenzene	13	U
2-Butanone	6.400	U
Acetone	25	D
Benzene	6.900	U
Bromodichloromethane	14	U
Bromomethane	8.400	U
Carbon disulfide	6.700	U
Carbon tetrachloride	3.400	U
Chlorobenzene	10	U
Chloroform	11	U
Chloromethane	4.500	U
cis-1,2-Dichloroethylene	8.600	U
Cyclohexane	7.400	U
1,2-Dichlorofluoroethane	11	U
Ethyl Benzene	9.400	U
Hexachlorobutadiene	23	U
Methyl tert-butyl ether (MTBE)	7.800	U
Methylene chloride	15	U
n-Heptane	8.800	U
n-Hexane	7.800	U
o-Xylene	9.400	U
p- & m- Xylenes	19	U
p-Ethyltoluene	11	U
Propylene	23	D
p-Trichlorophenylene	32	D
Tetrahydrofuran	13	U
Toluene	11	D
trans-1,2-Dichloroethylene	8.600	U
Trichloroethylene	2.300	U
1,1-Dichloroethane (Freon 11)	29	D

Sample ID	SV-2	
Sampling Date	2/7/2017	
Client Matrix	Soil Vapor	
Compound	Result	Q
Volatile Organics, EPA T015 Full List	ug/m ³	
Dilution Factor	19.61	
1,1,1,2-Tetrachloroethane	13	U
1,1,1-Trichloroethane	11	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11	U
1,1,2-Trichloroethane	11	U
1,1-Dichloroethane	7.900	U
1,1-Dichloroethylene	7.800	U
1,2,4-Trimethylbenzene	15	U
1,2,4-Trimethylbenzene	9.600	U
1,2-Dichlorobenzene	12	U
1,2-Dichlorobenzene	7.900	U
1,2-Dichloropropane	9.100	U
1,2-Dichlorotetrafluoroethane	11	U
1,3,5-Trimethylbenzene	9.600	U
1,3-Dichlorobenzene	12	U
1,4-Dichlorobenzene	12	U
2-Butanone	5.800	U
Acetone	23	D
Benzene	6.300	U
Bromochloromethane	13	U
Bromomethane	7.600	U
Carbon disulfide	6.100	U
Carbon tetrachloride	3.100	U
Chlorobenzene	9	U
Chloroform	17	D
Chloromethane	4	U
cis-1,2-Dichloroethylene	7.800	U
Cyclohexane	6.800	U
Dichlorodifluoromethane	9.700	U
Ethyl Benzene	8.500	U
Methyl tert-butyl ether (MTBE)	21	U
Methyl chloroethane	7.100	U
Methylene chloride	14	U
n-Heptane	8	U
n-Hexane	6.900	U
o-Xylene	8.500	U
p- & m- Xylenes	17	U
p-Ethyltoluene	9.600	U
Propylene	51	D
Trichloroethylene	66	D
Tetrahydrofuran	12	U
Toluene	13	D
trans-1,2-Dichloroethylene	7.800	U
Trichloroethylene	2.600	U
Trichlorofluoroethane (Freon 111)	11	D

Sample ID	SV-1	
Sampling Date	2/7/2017	
Client Matrix	Soil Vapor	
Compound	Result	Q
Volatiles Organic, EPA T015 Full List	ug/L	
Dilution Factor	21.09	
1,1,1,2-Tetrachloroethane	14	U
1,1,1-Trichloroethane	12	U
1,2-Dichloro-1,2,2-trifluoroethane (Freon 113)	16	U
1,1,2-Trichloroethane	12	U
1,1-Dichloroethane	8,500	U
1,1-Dichloroethylene	8,400	U
1,2,4-Trichlorobenzene	16	U
1,2,4-Trimethylbenzene	10	U
2,1-Dichloroethane	13	U
2,2-Dichloroethane	8,500	U
1,2-Dichloropropane	9,700	U
1,2-Dichlorotetrafluoroethane	15	U
1,3,5-Trimethylbenzene	10	U
1,3-Dichlorobenzene	13	U
1,4-Dichlorobenzene	13	U
2-Butanone	6,200	U
Acetone	10	U
Benzene	6,700	U
Bromodichloromethane	14	U
Bromomethane	8,200	U
Carbon disulfide	6,600	U
Carbon tetrachloride	9,300	U
Chlorobenzene	3,700	U
Chloroform	10	U
Chloromethane	4,400	U
cis-1,2-Dichloroethylene	8,400	U
Cyclohexane	7,300	U
Dichlorodifluoromethane	10	U
Ethyl Benzene	9,200	U
Hexachlorobutadiene	22	U
Methyl tert-butyl ether (MTBE)	7,600	U
Methylene chloride	15	U
n-Heptane	8,600	U
n-Hexane	7,400	U
o-Xylene	9,200	U
p- & m- Xylenes	18	U
p-Ethyltoluene	10	U
Propylene	3,600	U
Tetrachloroethane	3,600	U
Tetrahydrofuran	12	U
Toluene	7,900	U
trans-1,2-Dichloroethylene	8,400	U
Trichloroethylene	2,800	U
Trichlorobromomethane (Freon 111)	12	U



Sample ID	SV-12	
Sampling Date	2/13/2017	
Client Matrix	Soil Vapor	
Compound	Result	Q
Volatiles Organics, EPA T015 Full List	ug/m3	
Distillation Factor	21.98	
1,1,1,2-Tetrachloroethane	14	U
1,1,1-Trichloroethane	12	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12	U
1,1,2-Trichloroethane	16	U
1,1-Dichloroethane	8,500	U
1,2-Dichloroethylene	8,400	U
1,2,4-Trichlorobenzene	16	U
1,2,4-Trimethylbenzene	10	U
1,2-Dichlorobenzene	13	U
2-Dichloroethane	8,500	U
1,2-Dichloropropane	9,700	U
1,2-Dichlorotetrafluoroethane	15	U
1,3,5-Trimethylbenzene	10	U
1,3-Dichlorobenzene	13	U
1,4-Dichlorobenzene	13	U
2-Butanone	6,200	U
Acetone	34	D
Benzene	6,700	U
Bromochloromethane	14	U
Bromomethane	8,200	U
Carbon disulfide	6,600	U
Carbon tetrachloride	3,300	U
Chlorobenzene	9,700	U
Chloroform	10	U
Chloromethane	4,400	U
cis-1,2-Dichloroethylene	8,400	U
Cyclohexane	7,300	U
Dichlorodifluoromethane	10	U
Ethyl Benzene	9,200	U
Hexachlorobutadiene	22	U
Methyl tert-butyl ether (MTBE)	7,600	U
Methylene chloride	15	U
n-Heptane	8,600	U
n-Hexane	11	D
n-ylene	9,200	U
p- & m- Xylenes	18	U
p-Ethyltoluene	10	U
Propylene	3,600	U
Tetrachloroethylene	3,600	U
Tetrahydrofuran	12	U
Toluene	19	D
trans-1,2-Dichloroethylene	8,400	U
Trichloroethylene	2,800	U
Trichlorofluoroethane (Freon 111)	12	U

Sample ID	SV-11	
Sampling Date	21/3/2017	
Client Matrix	Soil	Vapor
Compound	Result	Q
Volatiles Organics, EPA 1015 Full List	ug/m3	
Dilution Factor	10.02	
1,1,1,2-Tetrachloroethane	14	U
1,1,1-Trichloroethane	11	U
1,1,2-Trichloro-1,2,2-Fluoroethane (Freon 113)	15	U
1,1,2-Dichloroethane	11	U
1,1-Dichloroethane	8,100	U
1,1-Dichloroethylene	7,900	U
1,2,4-Trichlorobenzene	15	U
1,2,4-Trimethylbenzene	9,800	U
1,2-Dichlorobenzene	12	U
1,2-Dichloroethane	8,100	U
1,2-Dichloropropane	9,200	U
1,2-Dichlorotetrafluoroethane	14	U
1,3,5-Trimethylbenzene	9,800	U
1,3-Dichlorobenzene	12	U
1,4-Dichlorobenzene	12	U
2-Butanone	5,900	D
Acetone	23	D
Benzene	48	D
Bromodichloromethane	13	U
Bromomethane	7,700	U
Carbon disulfide	6,200	U
Carbon tetrachloride	3,100	U
Chlorobenzene	9,200	U
Chloroform	9,700	U
Chloromethane	4,100	U
cis-1,2-Dichloroethylene	7,900	U
Cyclohexane	27	D
Dichlorodifluoroethane	9,900	U
Ethyl Benzene	29	D
Hexachlorobutadiene	21	U
Methyl tert-butyl ether (MTBE)	180	D
Methylene chloride	14	U
n-Heptane	200	D
n-Hexane	140	D
o-Xylene	52	D
p- & m- Xylenes	110	D
p-Ethyltoluene	9,800	U
Propylene	40	D
Tetrachloroethylene	8,100	U
Tetrahydrofuran	12	U
Toluene	1,300	D
trans-1,2-Dichloroethylene	7,900	U
Trichloroethylene	2,700	U
Trichlorofluoromethane (Freon 11)	11	U

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CONCOURSE VILLAGE WEST APARTMENTS REMEDIAL INVESTIAGTION



SOIL VAPOR CHEMISTRY MAP
2 OF 2

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Fig. 8B

Tables

Table 1. Soil Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-1 0-2ft 2/7/2017 Soil		B-1 6-8ft 2/7/2017 Soil		B-1 14-16ft 2/7/2017 Soil		B-2 0-2ft 2/7/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
1,1,1-Trichloroethane	0.68	100	0.00260	U	0.00260	U	0.00270	U	0.00830	U
1,1,2,2-Tetrachloroethane	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
1,1,2-Trichloroethane	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
1,1-Dichloroethane	0.27	26	0.00260	U	0.00260	U	0.00270	U	0.00830	U
1,1-Dichloroethylene	0.33	100	0.00260	U	0.00260	U	0.00270	U	0.00830	U
1,2,3-Trichlorobenzene	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
1,2,3-Trichloropropane	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
1,2,4-Trichlorobenzene	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
1,2,4-Trimethylbenzene	3.6	52	0.00260	U	0.00260	U	0.00270	U	0.00830	U
1,2-Dibromo-3-chloropropane	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
1,2-Dibromoethane	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
1,2-Dichlorobenzene	1.1	100	0.00260	U	0.00260	U	0.00270	U	0.00830	U
1,2-Dichloroethane	0.02	3.1	0.00260	U	0.00260	U	0.00270	U	0.00830	U
1,2-Dichloropropane	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
1,3,5-Trimethylbenzene	8.4	52	0.00260	U	0.00260	U	0.00270	U	0.00830	U
1,3-Dichlorobenzene	2.4	49	0.00260	U	0.00260	U	0.00270	U	0.00830	U
1,4-Dichlorobenzene	1.8	13	0.00260	U	0.00260	U	0.00270	U	0.00830	U
1,4-Dioxane	0.1	13	0.0520	U	0.0530	U	0.0550	U	0.170	U
2-Butanone	0.12	100	0.00370	J	0.00260	U	0.00270	U	0.00830	U
2-Hexanone	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
4-Methyl-2-pentanone	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Acetone	0.05	100	0.180		0.0250		0.120		0.120	B
Acrolein	~	~	0.00520	U	0.00530	U	0.00550	U	0.0170	U
Acrylonitrile	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Benzene	0.06	4.8	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Bromochloromethane	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Bromodichloromethane	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Bromoform	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Bromomethane	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Carbon disulfide	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Carbon tetrachloride	0.76	2.4	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Chlorobenzene	1.1	100	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Chloroethane	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Chloroform	0.37	49	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Chloromethane	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
cis-1,2-Dichloroethylene	0.25	100	0.00260	U	0.00260	U	0.00270	U	0.00830	U
cis-1,3-Dichloropropylene	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Cyclohexane	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Dibromochloromethane	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Dibromomethane	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Dichlorodifluoromethane	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-1 0-2ft 2/7/2017 Soil		B-1 6-8ft 2/7/2017 Soil		B-1 14-16ft 2/7/2017 Soil		B-2 0-2ft 2/7/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Ethyl Benzene	1	41	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Hexachlorobutadiene	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Isopropylbenzene	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Methyl acetate	~	~	0.00340	J	0.00260	U	0.00270	U	0.00830	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Methylcyclohexane	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Methylene chloride	0.05	100	0.00520	U	0.00530	U	0.00550	U	0.0170	U
n-Butylbenzene	12	100	0.00260	U	0.00260	U	0.00270	U	0.00830	U
n-Propylbenzene	3.9	100	0.00260	U	0.00260	U	0.00270	U	0.00830	U
o-Xylene	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
p- & m- Xylenes	~	~	0.00520	U	0.00530	U	0.00550	U	0.0170	U
p-Isopropyltoluene	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
sec-Butylbenzene	11	100	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Styrene	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
tert-Butyl alcohol (TBA)	~	~	0.00370	J	0.00260	U	0.00270	U	0.00830	U
tert-Butylbenzene	5.9	100	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Tetrachloroethylene	1.3	19	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Toluene	0.7	100	0.00260	U	0.00260	U	0.00270	U	0.00830	U
trans-1,2-Dichloroethylene	0.19	100	0.00260	U	0.00260	U	0.00270	U	0.00830	U
trans-1,3-Dichloropropylene	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Trichloroethylene	0.47	21	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Trichlorofluoromethane	~	~	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Vinyl Chloride	0.02	0.9	0.00260	U	0.00260	U	0.00270	U	0.00830	U
Xylenes, Total	0.26	100	0.00780	U	0.00790	U	0.00820	U	0.0250	U
Semi-Volatiles, 8270 Base/Neutrals	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2		2	
1,2,4-Trichlorobenzene	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
1,2-Dichlorobenzene	1.1	100	0.0450	U	0.0450	U	0.0471	U	0.0437	U
1,3-Dichlorobenzene	2.4	49	0.0450	U	0.0450	U	0.0471	U	0.0437	U
1,4-Dichlorobenzene	1.8	13	0.0450	U	0.0450	U	0.0471	U	0.0437	U
2,4-Dinitrotoluene	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
2,6-Dinitrotoluene	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
2-Chloronaphthalene	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
2-Methylnaphthalene	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
3,3-Dichlorobenzidine	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
3-Nitroaniline	~	~	0.0897	U	0.0897	U	0.0940	U	0.0872	U
4-Bromophenyl phenyl ether	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
4-Chloroaniline	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
4-Chlorophenyl phenyl ether	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
4-Nitroaniline	~	~	0.0897	U	0.0897	U	0.0940	U	0.0872	U
Acenaphthene	20	100	0.0450	U	0.0450	U	0.0471	U	0.0437	U
Acenaphthylene	100	100	0.0450	U	0.0450	U	0.0471	U	0.0537	JD
Aniline	~	~	0.180	U	0.180	U	0.188	U	0.175	U
Anthracene	100	100	0.0450	U	0.0450	U	0.0471	U	0.129	D
Benzo(a)anthracene	1	1	0.0450	U	0.0450	U	0.0471	U	0.683	D

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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-1 0-2ft 2/7/2017 Soil		B-1 6-8ft 2/7/2017 Soil		B-1 14-16ft 2/7/2017 Soil		B-2 0-2ft 2/7/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Benzo(a)pyrene	1	1	0.0450	U	0.0450	U	0.0471	U	0.362	D
Benzo(b)fluoranthene	1	1	0.0450	U	0.0450	U	0.0471	U	0.961	D
Benzo(g,h,i)perylene	100	100	0.0450	U	0.0450	U	0.0471	U	0.270	D
Benzo(k)fluoranthene	0.8	3.9	0.0450	U	0.0450	U	0.0471	U	0.657	D
Benzyl butyl phthalate	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
Bis(2-chloroethoxy)methane	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
Bis(2-chloroethyl)ether	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
Bis(2-chloroisopropyl)ether	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
Bis(2-ethylhexyl)phthalate	~	~	0.0450	U	0.0450	U	0.0471	U	0.351	D
Carbazole	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
Chrysene	1	3.9	0.0450	U	0.0450	U	0.0471	U	1.150	D
Dibenzo(a,h)anthracene	0.33	0.33	0.0450	U	0.0450	U	0.0471	U	0.150	D
Dibenzofuran	7	59	0.0450	U	0.0450	U	0.0471	U	0.0437	U
Diethyl phthalate	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
Dimethyl phthalate	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
Di-n-butyl phthalate	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
Di-n-octyl phthalate	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
Fluoranthene	100	100	0.0450	U	0.0450	U	0.0471	U	0.857	D
Fluorene	30	100	0.0450	U	0.0450	U	0.0471	U	0.0437	U
Hexachlorobenzene	0.33	1.2	0.0450	U	0.0450	U	0.0471	U	0.0437	U
Hexachlorobutadiene	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
Hexachlorocyclopentadiene	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
Hexachloroethane	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0450	U	0.0450	U	0.0471	U	0.206	D
Isophorone	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
Naphthalene	12	100	0.0450	U	0.0450	U	0.0471	U	0.0437	U
Nitrobenzene	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
N-Nitrosodimethylamine	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
N-nitroso-di-n-propylamine	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
N-Nitrosodiphenylamine	~	~	0.0450	U	0.0450	U	0.0471	U	0.0437	U
Phenanthrene	100	100	0.0450	U	0.0450	U	0.0471	U	0.0495	JD
Pyrene	100	100	0.0450	U	0.0450	U	0.0471	U	0.848	D
Pyridine	~	~	0.180	U	0.180	U	0.188	U	0.175	U
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5	
4,4'-DDD	0.0033	13	0.00177	U	0.00177	U	0.00186	U	0.00173	U
4,4'-DDE	0.0033	8.9	0.00177	U	0.00177	U	0.00186	U	0.00173	U
4,4'-DDT	0.0033	7.9	0.00177	U	0.00177	U	0.00186	U	0.00173	U
Aldrin	0.005	0.097	0.00177	U	0.00177	U	0.00186	U	0.00173	U
alpha-BHC	0.02	0.48	0.00177	U	0.00177	U	0.00186	U	0.00173	U
alpha-Chlordane	0.094	4.2	0.00177	U	0.00177	U	0.00186	U	0.00173	U
beta-BHC	0.036	0.36	0.00177	U	0.00177	U	0.00186	U	0.00173	U
Chlordane, total	~	~	0.0355	U	0.0355	U	0.0372	U	0.0345	U
delta-BHC	0.04	100	0.00177	U	0.00177	U	0.00186	U	0.00173	U
Dieldrin	0.005	0.2	0.00177	U	0.00177	U	0.00186	U	0.00173	U

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Compound			Result	Q	Result	Q	Result	Q	Result	Q
Endosulfan I	2.4	24	0.00177	U	0.00177	U	0.00186	U	0.00173	U
Endosulfan II	2.4	24	0.00177	U	0.00177	U	0.00186	U	0.00173	U
Endosulfan sulfate	2.4	24	0.00177	U	0.00177	U	0.00186	U	0.00173	U
Endrin	0.014	11	0.00177	U	0.00177	U	0.00186	U	0.00173	U
Endrin aldehyde	~	~	0.00177	U	0.00177	U	0.00186	U	0.00173	U
Endrin ketone	~	~	0.00177	U	0.00177	U	0.00186	U	0.00173	U
gamma-BHC (Lindane)	0.1	1.3	0.00177	U	0.00177	U	0.00186	U	0.00173	U
gamma-Chlordane	~	~	0.00177	U	0.00177	U	0.00186	U	0.00173	U
Heptachlor	0.042	2.1	0.00177	U	0.00177	U	0.00186	U	0.00173	U
Heptachlor epoxide	~	~	0.00177	U	0.00177	U	0.00186	U	0.00173	U
Methoxychlor	~	~	0.00887	U	0.00887	U	0.00930	U	0.00863	U
Toxaphene	~	~	0.0898	U	0.0898	U	0.0941	U	0.0873	U
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aluminum	~	~	6,530		6,050		6,360		5,830	
Antimony	~	~	0.538	U	0.538	U	0.564	U	0.523	U
Arsenic	13	16	1.080		1.080	U	1.130	U	1.700	
Barium	350	400	25.700		38.100		35.600		14.500	
Beryllium	7.2	72	0.168		0.127		0.165		0.129	
Cadmium	2.5	4.3	0.323	U	0.323	U	0.338	U	0.314	U
Calcium	~	~	600		522		943		1,190	
Chromium	~	~	7.730		7.370		8.780		10.300	
Cobalt	~	~	5.410		5.220		6.240		5.230	
Copper	50	270	8.530		8.760		14.200		44.500	
Iron	~	~	11,900		10,700		13,600		11,000	
Lead	63	400	4.390		4.380		4.960		40.200	
Magnesium	~	~	2,590		2,340		2,690		2,280	
Manganese	1600	2000	257		319		391		210	
Nickel	30	310	12		10.200		13.100		19.800	
Potassium	~	~	713		714		1,000		645	
Selenium	3.9	180	1.080	U	1.080	U	1.130	U	1.050	U
Silver	2	180	0.538	U	0.538	U	0.564	U	0.523	U
Sodium	~	~	290		178		120		1,590	
Thallium	~	~	1.080	U	1.080	U	1.130	U	1.050	U
Vanadium	~	~	11.200		9.940		12.200		15.500	
Zinc	109	10000	27.700		25.700		31.400		235	
Mercury by 7470/7471	mg/Kg	mg/Kg								
Dilution Factor										
Mercury	0.18	0.81	NT		NT		NT		NT	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Mercury	0.18	0.81	0.0323	U	0.0323	U	0.0338	U	0.456	
Total Solids			%		%		%		%	
Dilution Factor			1		1		1		1	
% Solids	~	~	93		93		88.700		95.700	

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Compound			Result	Q	Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aroclor 1016	~	~	0.0179	U	0.0179	U	0.0188	U	0.0174	U
Aroclor 1221	~	~	0.0179	U	0.0179	U	0.0188	U	0.0174	U
Aroclor 1232	~	~	0.0179	U	0.0179	U	0.0188	U	0.0174	U
Aroclor 1242	~	~	0.0179	U	0.0179	U	0.0188	U	0.0174	U
Aroclor 1248	~	~	0.0179	U	0.0179	U	0.0188	U	0.0174	U
Aroclor 1254	~	~	0.0179	U	0.0179	U	0.0188	U	0.0174	U
Aroclor 1260	~	~	0.0179	U	0.0179	U	0.0188	U	0.0244	
Total PCBs	0.1	1	0.0179	U	0.0179	U	0.0188	U	0.0244	

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Compound			Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
1,1,1-Trichloroethane	0.68	100	0.00260	U	0.00270	U	0.00400	U	0.00270	U
1,1,2,2-Tetrachloroethane	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
1,1,2-Trichloroethane	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
1,1-Dichloroethane	0.27	26	0.00260	U	0.00270	U	0.00400	U	0.00270	U
1,1-Dichloroethylene	0.33	100	0.00260	U	0.00270	U	0.00400	U	0.00270	U
1,2,3-Trichlorobenzene	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
1,2,3-Trichloropropane	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
1,2,4-Trichlorobenzene	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
1,2,4-Trimethylbenzene	3.6	52	0.00260	U	0.00270	U	0.00400	U	0.00270	U
1,2-Dibromo-3-chloropropane	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
1,2-Dibromoethane	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
1,2-Dichlorobenzene	1.1	100	0.00260	U	0.00270	U	0.00400	U	0.00270	U
1,2-Dichloroethane	0.02	3.1	0.00260	U	0.00270	U	0.00400	U	0.00270	U
1,2-Dichloropropane	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
1,3,5-Trimethylbenzene	8.4	52	0.00260	U	0.00270	U	0.00400	U	0.00270	U
1,3-Dichlorobenzene	2.4	49	0.00260	U	0.00270	U	0.00400	U	0.00270	U
1,4-Dichlorobenzene	1.8	13	0.00260	U	0.00270	U	0.00400	U	0.00270	U
1,4-Dioxane	0.1	13	0.0520	U	0.0550	U	0.0790	U	0.0540	U
2-Butanone	0.12	100	0.00260	U	0.00270	U	0.00400	U	0.00270	U
2-Hexanone	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
4-Methyl-2-pentanone	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Acetone	0.05	100	0.0230		0.0440		0.0290	B	0.0890	
Acrolein	~	~	0.00520	U	0.00550	U	0.00790	U	0.00540	U
Acrylonitrile	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Benzene	0.06	4.8	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Bromochloromethane	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Bromodichloromethane	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Bromoform	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Bromomethane	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Carbon disulfide	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Carbon tetrachloride	0.76	2.4	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Chlorobenzene	1.1	100	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Chloroethane	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Chloroform	0.37	49	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Chloromethane	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
cis-1,2-Dichloroethylene	0.25	100	0.00260	U	0.00270	U	0.00400	U	0.00270	U
cis-1,3-Dichloropropylene	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Cyclohexane	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Dibromochloromethane	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Dibromomethane	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Dichlorodifluoromethane	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U

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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-2 6-8ft 2/7/2017 Soil		B-2 14-16ft 2/7/2017 Soil		B-3 0-2ft 2/7/2017 Soil		B-3 6-8ft 2/7/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Ethyl Benzene	1	41	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Hexachlorobutadiene	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Isopropylbenzene	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Methyl acetate	~	~	0.00260	U	0.00270	U	0.00400	U	0.00400	J
Methyl tert-butyl ether (MTBE)	0.93	100	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Methylcyclohexane	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Methylene chloride	0.05	100	0.00520	U	0.00550	U	0.00790	U	0.00540	U
n-Butylbenzene	12	100	0.00260	U	0.00270	U	0.00400	U	0.00270	U
n-Propylbenzene	3.9	100	0.00260	U	0.00270	U	0.00400	U	0.00270	U
o-Xylene	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
p- & m- Xylenes	~	~	0.00520	U	0.00550	U	0.00790	U	0.00540	U
p-Isopropyltoluene	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
sec-Butylbenzene	11	100	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Styrene	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
tert-Butyl alcohol (TBA)	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
tert-Butylbenzene	5.9	100	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Tetrachloroethylene	1.3	19	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Toluene	0.7	100	0.00310	J	0.00270	J	0.00400	U	0.00450	J
trans-1,2-Dichloroethylene	0.19	100	0.00260	U	0.00270	U	0.00400	U	0.00270	U
trans-1,3-Dichloropropylene	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Trichloroethylene	0.47	21	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Trichlorofluoromethane	~	~	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Vinyl Chloride	0.02	0.9	0.00260	U	0.00270	U	0.00400	U	0.00270	U
Xylenes, Total	0.26	100	0.00780	U	0.00820	U	0.0120	U	0.00810	U
Semi-Volatiles, 8270 Base/Neutrals	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2		2	
1,2,4-Trichlorobenzene	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
1,2-Dichlorobenzene	1.1	100	0.0455	U	0.0459	U	0.0477	U	0.0436	U
1,3-Dichlorobenzene	2.4	49	0.0455	U	0.0459	U	0.0477	U	0.0436	U
1,4-Dichlorobenzene	1.8	13	0.0455	U	0.0459	U	0.0477	U	0.0436	U
2,4-Dinitrotoluene	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
2,6-Dinitrotoluene	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
2-Chloronaphthalene	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
2-Methylnaphthalene	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
3,3-Dichlorobenzidine	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
3-Nitroaniline	~	~	0.0907	U	0.0915	U	0.0952	U	0.0870	U
4-Bromophenyl phenyl ether	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
4-Chloroaniline	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
4-Chlorophenyl phenyl ether	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
4-Nitroaniline	~	~	0.0907	U	0.0915	U	0.0952	U	0.0870	U
Acenaphthene	20	100	0.0455	U	0.0459	U	0.0753	JD	0.0436	U
Acenaphthylene	100	100	0.0455	U	0.0459	U	0.221	D	0.0436	U
Aniline	~	~	0.182	U	0.183	U	0.191	U	0.174	U
Anthracene	100	100	0.0455	U	0.0459	U	0.237	D	0.0436	U
Benzo(a)anthracene	1	1	0.0455	U	0.0459	U	1.700	D	0.0436	U

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Compound			Result	Q	Result	Q	Result	Q	Result	Q
Benzo(a)pyrene	1	1	0.0455	U	0.0459	U	0.824	D	0.0436	U
Benzo(b)fluoranthene	1	1	0.0455	U	0.0459	U	0.993	D	0.0436	U
Benzo(g,h,i)perylene	100	100	0.0455	U	0.0459	U	0.399	D	0.0436	U
Benzo(k)fluoranthene	0.8	3.9	0.0455	U	0.0459	U	1.040	D	0.0436	U
Benzyl butyl phthalate	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
Bis(2-chloroethoxy)methane	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
Bis(2-chloroethyl)ether	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
Bis(2-chloroisopropyl)ether	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
Bis(2-ethylhexyl)phthalate	~	~	0.0455	U	0.0459	U	0.0783	JD	0.0436	U
Carbazole	~	~	0.0455	U	0.0459	U	0.107	D	0.0436	U
Chrysene	1	3.9	0.0455	U	0.0459	U	1.890	D	0.0436	U
Dibenzo(a,h)anthracene	0.33	0.33	0.0455	U	0.0459	U	0.250	D	0.0436	U
Dibenzofuran	7	59	0.0455	U	0.0459	U	0.0477	U	0.0436	U
Diethyl phthalate	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
Dimethyl phthalate	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
Di-n-butyl phthalate	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
Di-n-octyl phthalate	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
Fluoranthene	100	100	0.0455	U	0.0459	U	3.030	D	0.0436	U
Fluorene	30	100	0.0455	U	0.0459	U	0.0685	JD	0.0436	U
Hexachlorobenzene	0.33	1.2	0.0455	U	0.0459	U	0.0477	U	0.0436	U
Hexachlorobutadiene	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
Hexachlorocyclopentadiene	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
Hexachloroethane	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0455	U	0.0459	U	0.395	D	0.0436	U
Isophorone	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
Naphthalene	12	100	0.0455	U	0.0459	U	0.0477	U	0.0436	U
Nitrobenzene	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
N-Nitrosodimethylamine	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
N-nitroso-di-n-propylamine	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
N-Nitrosodiphenylamine	~	~	0.0455	U	0.0459	U	0.0477	U	0.0436	U
Phenanthrene	100	100	0.0455	U	0.0459	U	1.110	D	0.0436	U
Pyrene	100	100	0.0455	U	0.0459	U	2.920	D	0.0436	U
Pyridine	~	~	0.182	U	0.183	U	0.191	U	0.174	U
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5	
4,4'-DDD	0.0033	13	0.00179	U	0.00181	U	0.00188	U	0.00172	U
4,4'-DDE	0.0033	8.9	0.00179	U	0.00181	U	0.00188	U	0.00172	U
4,4'-DDT	0.0033	7.9	0.00179	U	0.00181	U	0.00188	U	0.00172	U
Aldrin	0.005	0.097	0.00179	U	0.00181	U	0.00188	U	0.00172	U
alpha-BHC	0.02	0.48	0.00179	U	0.00181	U	0.00188	U	0.00172	U
alpha-Chlordane	0.094	4.2	0.00179	U	0.00181	U	0.00188	U	0.00172	U
beta-BHC	0.036	0.36	0.00179	U	0.00181	U	0.00188	U	0.00172	U
Chlordane, total	~	~	0.0359	U	0.0362	U	0.0376	U	0.0344	U
delta-BHC	0.04	100	0.00179	U	0.00181	U	0.00188	U	0.00172	U
Dieldrin	0.005	0.2	0.00179	U	0.00181	U	0.00188	U	0.00172	U

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Compound			Result	Q	Result	Q	Result	Q	Result	Q
Endosulfan I	2.4	24	0.00179	U	0.00181	U	0.00188	U	0.00172	U
Endosulfan II	2.4	24	0.00179	U	0.00181	U	0.00188	U	0.00172	U
Endosulfan sulfate	2.4	24	0.00179	U	0.00181	U	0.00188	U	0.00172	U
Endrin	0.014	11	0.00179	U	0.00181	U	0.00188	U	0.00172	U
Endrin aldehyde	~	~	0.00179	U	0.00181	U	0.00188	U	0.00172	U
Endrin ketone	~	~	0.00179	U	0.00181	U	0.00188	U	0.00172	U
gamma-BHC (Lindane)	0.1	1.3	0.00179	U	0.00181	U	0.00188	U	0.00172	U
gamma-Chlordane	~	~	0.00179	U	0.00181	U	0.00188	U	0.00172	U
Heptachlor	0.042	2.1	0.00179	U	0.00181	U	0.00188	U	0.00172	U
Heptachlor epoxide	~	~	0.00179	U	0.00181	U	0.00188	U	0.00172	U
Methoxychlor	~	~	0.00897	U	0.00906	U	0.00941	U	0.00860	U
Toxaphene	~	~	0.0908	U	0.0916	U	0.0953	U	0.0871	U
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aluminum	~	~	5,590		5,480		5,470		4,960	
Antimony	~	~	0.544	U	0.549	U	8.070		0.522	U
Arsenic	13	16	1.090	U	1.100	U	9.700		1.040	U
Barium	350	400	22.400		31.800		286		24	
Beryllium	7.2	72	0.144		0.159		0.142		0.141	
Cadmium	2.5	4.3	0.326	U	0.329	U	1.780		0.313	U
Calcium	~	~	553		800		18,800		559	
Chromium	~	~	6.950		7.660		17.900		5.920	
Cobalt	~	~	4.880		5.600		6.230		4.270	
Copper	50	270	8.600		11.900		130		6.970	
Iron	~	~	11,200		12,300		17,500		9,260	
Lead	63	400	3.990		4.570		1,250		3.970	
Magnesium	~	~	2,170		2,340		4,950		1,870	
Manganese	1600	2000	274		310		306		256	
Nickel	30	310	10.800		12.300		22.400		9.260	
Potassium	~	~	728		796		819		540	
Selenium	3.9	180	1.090	U	1.100	U	1.140	U	1.040	U
Silver	2	180	0.544	U	0.549	U	0.570	U	0.522	U
Sodium	~	~	345		273		508		171	
Thallium	~	~	1.090	U	1.100	U	1.140	U	1.040	U
Vanadium	~	~	10.200		10.300		14.400		9.090	
Zinc	109	10000	26.300		28.700		716		21.500	
Mercury by 7470/7471	mg/Kg	mg/Kg								
Dilution Factor										
Mercury	0.18	0.81	NT		NT		NT		NT	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Mercury	0.18	0.81	0.0326	U	0.0329	U	0.273		0.0313	U
Total Solids			%		%		%		%	
Dilution Factor			1		1		1		1	
% Solids	~	~	91.900		91.100		87.600		95.900	

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Compound			Result	Q	Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aroclor 1016	~	~	0.0181	U	0.0183	U	0.0190	U	0.0174	U
Aroclor 1221	~	~	0.0181	U	0.0183	U	0.0190	U	0.0174	U
Aroclor 1232	~	~	0.0181	U	0.0183	U	0.0190	U	0.0174	U
Aroclor 1242	~	~	0.0181	U	0.0183	U	0.0190	U	0.0174	U
Aroclor 1248	~	~	0.0181	U	0.0183	U	0.0190	U	0.0174	U
Aroclor 1254	~	~	0.0181	U	0.0183	U	0.0190	U	0.0174	U
Aroclor 1260	~	~	0.0181	U	0.0183	U	0.0190	U	0.0174	U
Total PCBs	0.1	1	0.0181	U	0.0183	U	0.0190	U	0.0174	U

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Compound			Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
1,1,1-Trichloroethane	0.68	100	0.00260	U	0.00260	U	0.00310	U	0.00250	U
1,1,2,2-Tetrachloroethane	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
1,1,2-Trichloroethane	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
1,1-Dichloroethane	0.27	26	0.00260	U	0.00260	U	0.00310	U	0.00250	U
1,1-Dichloroethylene	0.33	100	0.00260	U	0.00260	U	0.00310	U	0.00250	U
1,2,3-Trichlorobenzene	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
1,2,3-Trichloropropane	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
1,2,4-Trichlorobenzene	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
1,2,4-Trimethylbenzene	3.6	52	0.00260	U	0.00260	U	0.00310	U	0.00250	U
1,2-Dibromo-3-chloropropane	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
1,2-Dibromoethane	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
1,2-Dichlorobenzene	1.1	100	0.00260	U	0.00260	U	0.00310	U	0.00250	U
1,2-Dichloroethane	0.02	3.1	0.00260	U	0.00260	U	0.00310	U	0.00250	U
1,2-Dichloropropane	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
1,3,5-Trimethylbenzene	8.4	52	0.00260	U	0.00260	U	0.00310	U	0.00250	U
1,3-Dichlorobenzene	2.4	49	0.00260	U	0.00260	U	0.00310	U	0.00250	U
1,4-Dichlorobenzene	1.8	13	0.00260	U	0.00260	U	0.00310	U	0.00250	U
1,4-Dioxane	0.1	13	0.0520	U	0.0520	U	0.0630	U	0.0500	U
2-Butanone	0.12	100	0.00260	U	0.00390	J	0.00650		0.00250	U
2-Hexanone	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
4-Methyl-2-pentanone	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Acetone	0.05	100	0.0480		0.0260		0.0370	B	0.0490	B
Acrolein	~	~	0.00520	U	0.00520	U	0.00630	U	0.00500	U
Acrylonitrile	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Benzene	0.06	4.8	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Bromochloromethane	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Bromodichloromethane	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Bromoform	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Bromomethane	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Carbon disulfide	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Carbon tetrachloride	0.76	2.4	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Chlorobenzene	1.1	100	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Chloroethane	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Chloroform	0.37	49	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Chloromethane	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
cis-1,2-Dichloroethylene	0.25	100	0.00260	U	0.00260	U	0.00310	U	0.00250	U
cis-1,3-Dichloropropylene	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Cyclohexane	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Dibromochloromethane	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Dibromomethane	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Dichlorodifluoromethane	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U

Table 1. Soil Sample Analytical Results
Phase II Subsurface Investigation
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-3 14-16ft 2/7/2017 Soil		B-4 0-2ft 2/7/2017 Soil		B-4 6-8ft 2/7/2017 Soil		B-4 14-16ft 2/7/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Ethyl Benzene	1	41	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Hexachlorobutadiene	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Isopropylbenzene	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Methyl acetate	~	~	0.00260	U	0.00360	J	0.00310	U	0.00250	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Methylcyclohexane	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Methylene chloride	0.05	100	0.00520	U	0.00520	U	0.00630	U	0.00570	J
n-Butylbenzene	12	100	0.00260	U	0.00260	U	0.00310	U	0.00250	U
n-Propylbenzene	3.9	100	0.00260	U	0.00260	U	0.00310	U	0.00250	U
o-Xylene	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
p- & m- Xylenes	~	~	0.00520	U	0.00520	U	0.00630	U	0.00500	U
p-Isopropyltoluene	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
sec-Butylbenzene	11	100	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Styrene	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
tert-Butyl alcohol (TBA)	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
tert-Butylbenzene	5.9	100	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Tetrachloroethylene	1.3	19	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Toluene	0.7	100	0.00380	J	0.00260	U	0.00420	J	0.00250	U
trans-1,2-Dichloroethylene	0.19	100	0.00260	U	0.00260	U	0.00310	U	0.00250	U
trans-1,3-Dichloropropylene	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Trichloroethylene	0.47	21	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Trichlorofluoromethane	~	~	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Vinyl Chloride	0.02	0.9	0.00260	U	0.00260	U	0.00310	U	0.00250	U
Xylenes, Total	0.26	100	0.00780	U	0.00780	U	0.00940	U	0.00750	U
Semi-Volatiles, 8270 Base/Neutrals	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		20		2		20	
1,2,4-Trichlorobenzene	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
1,2-Dichlorobenzene	1.1	100	0.0439	U	0.0438	U	0.0437	U	0.118	U
1,3-Dichlorobenzene	2.4	49	0.0439	U	0.0438	U	0.0437	U	0.118	U
1,4-Dichlorobenzene	1.8	13	0.0439	U	0.0438	U	0.0437	U	0.118	U
2,4-Dinitrotoluene	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
2,6-Dinitrotoluene	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
2-Chloronaphthalene	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
2-Methylnaphthalene	~	~	0.0439	U	0.0957	D	0.0437	U	0.118	U
3,3-Dichlorobenzidine	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
3-Nitroaniline	~	~	0.0876	U	0.0874	U	0.0873	U	0.236	U
4-Bromophenyl phenyl ether	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
4-Chloroaniline	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
4-Chlorophenyl phenyl ether	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
4-Nitroaniline	~	~	0.0876	U	0.0874	U	0.0873	U	0.236	U
Acenaphthene	20	100	0.0439	U	0.598	D	0.0437	U	0.463	D
Acenaphthylene	100	100	0.0439	U	0.112	D	0.0437	U	0.347	D
Aniline	~	~	0.175	U	0.175	U	0.175	U	0.472	U
Anthracene	100	100	0.0439	U	2.210	D	0.0437	U	2.590	D
Benzo(a)anthracene	1	1	0.0439	U	6.910	D	0.0437	U	6.350	D

Table 1. Soil Sample Analytical Results
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Sample ID	NYSDEC Part 375	NYSDEC Part 375	B-3 14-16ft		B-4 0-2ft		B-4 6-8ft		B-4 14-16ft	
Sampling Date	Unrestricted Use	Restricted Use	2/7/2017		2/7/2017		2/7/2017		2/7/2017	
Client Matrix	Soil Cleanup Objectives	Soil Cleanup Objectives - Restricted Residential	Soil		Soil		Soil		Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Benzo(a)pyrene	1	1	0.0439	U	1.310	D	0.0437	U	6.380	D
Benzo(b)fluoranthene	1	1	0.0439	U	1.840	D	0.0437	U	6.710	D
Benzo(g,h,i)perylene	100	100	0.0439	U	1.080	D	0.0437	U	3.360	D
Benzo(k)fluoranthene	0.8	3.9	0.0439	U	1.970	D	0.0437	U	6.620	D
Benzyl butyl phthalate	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
Bis(2-chloroethoxy)methane	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
Bis(2-chloroethyl)ether	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
Bis(2-chloroisopropyl)ether	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
Bis(2-ethylhexyl)phthalate	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
Carbazole	~	~	0.0439	U	0.538	D	0.0437	U	0.691	D
Chrysene	1	3.9	0.0439	U	6.420	D	0.0437	U	6.870	D
Dibenzo(a,h)anthracene	0.33	0.33	0.0439	U	0.635	D	0.0437	U	1.540	D
Dibenzofuran	7	59	0.0439	U	0.396	D	0.0437	U	0.232	JD
Diethyl phthalate	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
Dimethyl phthalate	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
Di-n-butyl phthalate	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
Di-n-octyl phthalate	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
Fluoranthene	100	100	0.0439	U	12.900	D	0.0437	U	13	D
Fluorene	30	100	0.0439	U	0.830	D	0.0437	U	0.486	D
Hexachlorobenzene	0.33	1.2	0.0439	U	0.0438	U	0.0437	U	0.118	U
Hexachlorobutadiene	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
Hexachlorocyclopentadiene	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
Hexachloroethane	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0439	U	1.110	D	0.0437	U	3.190	D
Isophorone	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
Naphthalene	12	100	0.0439	U	0.0438	U	0.0437	U	0.118	U
Nitrobenzene	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
N-Nitrosodimethylamine	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
N-nitroso-di-n-propylamine	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
N-Nitrosodiphenylamine	~	~	0.0439	U	0.0438	U	0.0437	U	0.118	U
Phenanthrene	100	100	0.0439	U	10.300	D	0.0437	U	9.300	D
Pyrene	100	100	0.0439	U	13.700	D	0.0437	U	15.200	D
Pyridine	~	~	0.175	U	0.175	U	0.175	U	0.472	U
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5	
4,4'-DDD	0.0033	13	0.00173	U	0.00173	U	0.00173	U	0.00186	U
4,4'-DDE	0.0033	8.9	0.00173	U	0.00173	U	0.00173	U	0.00186	U
4,4'-DDT	0.0033	7.9	0.00173	U	0.00173	U	0.00173	U	0.00186	U
Aldrin	0.005	0.097	0.00173	U	0.00173	U	0.00173	U	0.00186	U
alpha-BHC	0.02	0.48	0.00173	U	0.00173	U	0.00173	U	0.00186	U
alpha-Chlordane	0.094	4.2	0.00173	U	0.00173	U	0.00173	U	0.00186	U
beta-BHC	0.036	0.36	0.00173	U	0.00173	U	0.00173	U	0.00186	U
Chlordane, total	~	~	0.0347	U	0.0346	U	0.0345	U	0.0373	U
delta-BHC	0.04	100	0.00173	U	0.00173	U	0.00173	U	0.00186	U
Dieldrin	0.005	0.2	0.00173	U	0.00173	U	0.00173	U	0.00186	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-3 14-16ft 2/7/2017 Soil		B-4 0-2ft 2/7/2017 Soil		B-4 6-8ft 2/7/2017 Soil		B-4 14-16ft 2/7/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Endosulfan I	2.4	24	0.00173	U	0.00173	U	0.00173	U	0.00186	U
Endosulfan II	2.4	24	0.00173	U	0.00173	U	0.00173	U	0.00186	U
Endosulfan sulfate	2.4	24	0.00173	U	0.00173	U	0.00173	U	0.00186	U
Endrin	0.014	11	0.00173	U	0.00173	U	0.00173	U	0.00186	U
Endrin aldehyde	~	~	0.00173	U	0.00173	U	0.00173	U	0.00186	U
Endrin ketone	~	~	0.00173	U	0.00173	U	0.00173	U	0.00186	U
gamma-BHC (Lindane)	0.1	1.3	0.00173	U	0.00173	U	0.00173	U	0.00186	U
gamma-Chlordane	~	~	0.00173	U	0.00173	U	0.00173	U	0.00186	U
Heptachlor	0.042	2.1	0.00173	U	0.00173	U	0.00173	U	0.00186	U
Heptachlor epoxide	~	~	0.00173	U	0.00173	U	0.00173	U	0.00186	U
Methoxychlor	~	~	0.00866	U	0.00864	U	0.00863	U	0.00932	U
Toxaphene	~	~	0.0877	U	0.0875	U	0.0874	U	0.0943	U
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aluminum	~	~	5,290		4,980		5,580		7,180	
Antimony	~	~	0.525	U	0.524	U	0.523	U	3.970	
Arsenic	13	16	1.050	U	1.050	U	1.050	U	4.780	
Barium	350	400	25		17,300		23,100		278	
Beryllium	7.2	72	0.138		0.138		0.148		0.113	
Cadmium	2.5	4.3	0.315	U	0.314	U	0.314	U	0.938	
Calcium	~	~	829		545		694		11,100	
Chromium	~	~	7.060		6.070		6.790		19.100	
Cobalt	~	~	4.920		4.330		4.600		7.050	
Copper	50	270	8.530		9.220		8.520		137	
Iron	~	~	11,300		9,310		10,400		17,500	
Lead	63	400	4.070		3.800		3.890		696	
Magnesium	~	~	2,200		2,010		2,110		4,460	
Manganese	1600	2000	284		243		274		258	
Nickel	30	310	10.700		9.900		10.300		17.900	
Potassium	~	~	730		577		639		1,460	
Selenium	3.9	180	1.050	U	1.050	U	1.050	U	1.130	U
Silver	2	180	0.525	U	0.524	U	0.523	U	0.565	U
Sodium	~	~	158		139		160		352	
Thallium	~	~	1.050	U	1.050	U	1.050	U	1.130	U
Vanadium	~	~	10.100		8.390		9.590		19.800	
Zinc	109	10000	26.100		22.700		24		546	
Mercury by 7470/7471	mg/Kg	mg/Kg								
Dilution Factor										
Mercury	0.18	0.81	NT		NT		NT		NT	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Mercury	0.18	0.81	0.0315	U	0.175		0.0314	U	1.240	
Total Solids			%		%		%		%	
Dilution Factor			1		1		1		1	
% Solids	~	~	95.200		95.500		95.600		88.500	

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-3 14-16ft 2/7/2017 Soil		B-4 0-2ft 2/7/2017 Soil		B-4 6-8ft 2/7/2017 Soil		B-4 14-16ft 2/7/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aroclor 1016	~	~	0.0175	U	0.0175	U	0.0174	U	0.0188	U
Aroclor 1221	~	~	0.0175	U	0.0175	U	0.0174	U	0.0188	U
Aroclor 1232	~	~	0.0175	U	0.0175	U	0.0174	U	0.0188	U
Aroclor 1242	~	~	0.0175	U	0.0175	U	0.0174	U	0.0188	U
Aroclor 1248	~	~	0.0175	U	0.0175	U	0.0174	U	0.0188	U
Aroclor 1254	~	~	0.0175	U	0.0175	U	0.0174	U	0.0188	U
Aroclor 1260	~	~	0.0175	U	0.0175	U	0.0174	U	0.0188	U
Total PCBs	0.1	1	0.0175	U	0.0175	U	0.0174	U	0.0188	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-5 0-2ft 2/7/2017 Soil		B-5 6-8ft 2/7/2017 Soil		B-5 14-16ft 2/7/2017 Soil		B-6 0-2ft 2/7/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
1,1,1-Trichloroethane	0.68	100	0.00230	U	0.00230	U	0.00270	U	0.00260	U
1,1,2,2-Tetrachloroethane	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
1,1,2-Trichloroethane	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
1,1-Dichloroethane	0.27	26	0.00230	U	0.00230	U	0.00270	U	0.00260	U
1,1-Dichloroethylene	0.33	100	0.00230	U	0.00230	U	0.00270	U	0.00260	U
1,2,3-Trichlorobenzene	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
1,2,3-Trichloropropane	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
1,2,4-Trichlorobenzene	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
1,2,4-Trimethylbenzene	3.6	52	0.00230	U	0.00230	U	0.00270	U	0.00260	U
1,2-Dibromo-3-chloropropane	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
1,2-Dibromoethane	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
1,2-Dichlorobenzene	1.1	100	0.00230	U	0.00230	U	0.00270	U	0.00260	U
1,2-Dichloroethane	0.02	3.1	0.00230	U	0.00230	U	0.00270	U	0.00260	U
1,2-Dichloropropane	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
1,3,5-Trimethylbenzene	8.4	52	0.00230	U	0.00230	U	0.00270	U	0.00260	U
1,3-Dichlorobenzene	2.4	49	0.00230	U	0.00230	U	0.00270	U	0.00260	U
1,4-Dichlorobenzene	1.8	13	0.00230	U	0.00230	U	0.00270	U	0.00260	U
1,4-Dioxane	0.1	13	0.0470	U	0.0450	U	0.0540	U	0.0520	U
2-Butanone	0.12	100	0.00230	U	0.00230	U	0.00270	U	0.00260	U
2-Hexanone	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
4-Methyl-2-pentanone	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Acetone	0.05	100	0.0830	B	0.0610	B	0.0320	B	0.0170	B
Acrolein	~	~	0.00470	U	0.00450	U	0.00540	U	0.00520	U
Acrylonitrile	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Benzene	0.06	4.8	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Bromochloromethane	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Bromodichloromethane	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Bromoform	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Bromomethane	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Carbon disulfide	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Carbon tetrachloride	0.76	2.4	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Chlorobenzene	1.1	100	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Chloroethane	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Chloroform	0.37	49	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Chloromethane	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
cis-1,2-Dichloroethylene	0.25	100	0.00230	U	0.00230	U	0.00270	U	0.00260	U
cis-1,3-Dichloropropylene	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Cyclohexane	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Dibromochloromethane	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Dibromomethane	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Dichlorodifluoromethane	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U

Table 1. Soil Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID	NYSDEC Part 375	NYSDEC Part 375	B-5 0-2ft		B-5 6-8ft		B-5 14-16ft		B-6 0-2ft	
Sampling Date	Unrestricted Use	Restricted Use	2/7/2017		2/7/2017		2/7/2017		2/7/2017	
Client Matrix	Soil Cleanup Objectives	Soil Cleanup Objectives - Restricted Residential	Soil		Soil		Soil		Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Ethyl Benzene	1	41	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Hexachlorobutadiene	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Isopropylbenzene	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Methyl acetate	~	~	0.00230	U	0.00230	U	0.00320	J	0.00260	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Methylcyclohexane	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Methylene chloride	0.05	100	0.00470	U	0.00450	U	0.00540	U	0.00520	U
n-Butylbenzene	12	100	0.00230	U	0.00230	U	0.00270	U	0.00260	U
n-Propylbenzene	3.9	100	0.00230	U	0.00230	U	0.00270	U	0.00260	U
o-Xylene	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
p- & m- Xylenes	~	~	0.00470	U	0.00450	U	0.00540	U	0.00520	U
p-Isopropyltoluene	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
sec-Butylbenzene	11	100	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Styrene	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
tert-Butyl alcohol (TBA)	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
tert-Butylbenzene	5.9	100	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Tetrachloroethylene	1.3	19	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Toluene	0.7	100	0.00300	J	0.00230	U	0.00270	U	0.00260	U
trans-1,2-Dichloroethylene	0.19	100	0.00230	U	0.00230	U	0.00270	U	0.00260	U
trans-1,3-Dichloropropylene	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Trichloroethylene	0.47	21	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Trichlorofluoromethane	~	~	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Vinyl Chloride	0.02	0.9	0.00230	U	0.00230	U	0.00270	U	0.00260	U
Xylenes, Total	0.26	100	0.00700	U	0.00680	U	0.00810	U	0.00780	U
Semi-Volatiles, 8270 Base/Neutrals	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2		2	
1,2,4-Trichlorobenzene	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
1,2-Dichlorobenzene	1.1	100	0.0468	U	0.0474	U	0.0440	U	0.0461	U
1,3-Dichlorobenzene	2.4	49	0.0468	U	0.0474	U	0.0440	U	0.0461	U
1,4-Dichlorobenzene	1.8	13	0.0468	U	0.0474	U	0.0440	U	0.0461	U
2,4-Dinitrotoluene	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
2,6-Dinitrotoluene	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
2-Chloronaphthalene	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
2-Methylnaphthalene	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
3,3-Dichlorobenzidine	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
3-Nitroaniline	~	~	0.0934	U	0.0946	U	0.0877	U	0.0919	U
4-Bromophenyl phenyl ether	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
4-Chloroaniline	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
4-Chlorophenyl phenyl ether	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
4-Nitroaniline	~	~	0.0934	U	0.0946	U	0.0877	U	0.0919	U
Acenaphthene	20	100	0.0724	JD	0.0474	U	0.0440	U	0.0735	JD
Acenaphthylene	100	100	0.0993	D	0.0474	U	0.0440	U	0.126	D
Aniline	~	~	0.187	U	0.189	U	0.176	U	0.184	U
Anthracene	100	100	0.254	D	0.0474	U	0.0440	U	0.261	D
Benzo(a)anthracene	1	1	1.590	D	0.204	D	0.0440	U	1.230	D

Table 1. Soil Sample Analytical Results
Phase II Subsurface Investigation
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-5 0-2ft 2/7/2017 Soil		B-5 6-8ft 2/7/2017 Soil		B-5 14-16ft 2/7/2017 Soil		B-6 0-2ft 2/7/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Benzo(a)pyrene	1	1	0.832	D	0.168	D	0.0440	U	0.575	D
Benzo(b)fluoranthene	1	1	0.515	D	0.172	D	0.0440	U	0.792	D
Benzo(g,h,i)perylene	100	100	0.360	D	0.127	D	0.0440	U	0.309	D
Benzo(k)fluoranthene	0.8	3.9	0.969	D	0.151	D	0.0440	U	0.608	D
Benzyl butyl phthalate	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
Bis(2-chloroethoxy)methane	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
Bis(2-chloroethyl)ether	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
Bis(2-chloroisopropyl)ether	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
Bis(2-ethylhexyl)phthalate	~	~	0.137	D	0.0474	U	0.0440	U	0.224	D
Carbazole	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
Chrysene	1	3.9	1.610	D	0.213	D	0.0440	U	1.220	D
Dibenzo(a,h)anthracene	0.33	0.33	0.211	D	0.0537	JD	0.0440	U	0.171	D
Dibenzofuran	7	59	0.0468	U	0.0474	U	0.0440	U	0.0461	U
Diethyl phthalate	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
Dimethyl phthalate	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
Di-n-butyl phthalate	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
Di-n-octyl phthalate	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
Fluoranthene	100	100	2.240	D	0.323	D	0.0440	U	1.870	D
Fluorene	30	100	0.0500	JD	0.0474	U	0.0440	U	0.0706	JD
Hexachlorobenzene	0.33	1.2	0.0468	U	0.0474	U	0.0440	U	0.0461	U
Hexachlorobutadiene	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
Hexachlorocyclopentadiene	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
Hexachloroethane	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.379	D	0.116	D	0.0440	U	0.310	D
Isophorone	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
Naphthalene	12	100	0.0468	U	0.0474	U	0.0440	U	0.0461	U
Nitrobenzene	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
N-Nitrosodimethylamine	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
N-nitroso-di-n-propylamine	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
N-Nitrosodiphenylamine	~	~	0.0468	U	0.0474	U	0.0440	U	0.0461	U
Phenanthrene	100	100	0.934	D	0.150	D	0.0440	U	1.110	D
Pyrene	100	100	2.480	D	0.329	D	0.0440	U	2.010	D
Pyridine	~	~	0.187	U	0.189	U	0.176	U	0.184	U
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5	
4,4'-DDD	0.0033	13	0.00185	U	0.00187	U	0.00174	U	0.00182	U
4,4'-DDE	0.0033	8.9	0.00185	U	0.00187	U	0.00174	U	0.00182	U
4,4'-DDT	0.0033	7.9	0.00185	U	0.00187	U	0.00174	U	0.00182	U
Aldrin	0.005	0.097	0.00185	U	0.00187	U	0.00174	U	0.00182	U
alpha-BHC	0.02	0.48	0.00185	U	0.00187	U	0.00174	U	0.00182	U
alpha-Chlordane	0.094	4.2	0.00185	U	0.00187	U	0.00174	U	0.00182	U
beta-BHC	0.036	0.36	0.00185	U	0.00187	U	0.00174	U	0.00182	U
Chlordane, total	~	~	0.0370	U	0.0374	U	0.0347	U	0.0364	U
delta-BHC	0.04	100	0.00185	U	0.00187	U	0.00174	U	0.00182	U
Dieldrin	0.005	0.2	0.00185	U	0.00187	U	0.00174	U	0.00182	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-5 0-2ft 2/7/2017 Soil		B-5 6-8ft 2/7/2017 Soil		B-5 14-16ft 2/7/2017 Soil		B-6 0-2ft 2/7/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Endosulfan I	2.4	24	0.00185	U	0.00187	U	0.00174	U	0.00182	U
Endosulfan II	2.4	24	0.00185	U	0.00187	U	0.00174	U	0.00182	U
Endosulfan sulfate	2.4	24	0.00185	U	0.00187	U	0.00174	U	0.00182	U
Endrin	0.014	11	0.00185	U	0.00187	U	0.00174	U	0.00182	U
Endrin aldehyde	~	~	0.00185	U	0.00187	U	0.00174	U	0.00182	U
Endrin ketone	~	~	0.00185	U	0.00187	U	0.00174	U	0.00182	U
gamma-BHC (Lindane)	0.1	1.3	0.00185	U	0.00187	U	0.00174	U	0.00182	U
gamma-Chlordane	~	~	0.00185	U	0.00187	U	0.00174	U	0.00182	U
Heptachlor	0.042	2.1	0.00185	U	0.00187	U	0.00174	U	0.00182	U
Heptachlor epoxide	~	~	0.00185	U	0.00187	U	0.00174	U	0.00182	U
Methoxychlor	~	~	0.00924	U	0.00936	U	0.00868	U	0.00910	U
Toxaphene	~	~	0.0935	U	0.0947	U	0.0879	U	0.0921	U
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aluminum	~	~	5,420		4,910		4,740		5,710	
Antimony	~	~	0.560	U	0.567	U	0.526	U	0.551	U
Arsenic	13	16	1.710		1.130	U	1.050	U	1.760	
Barium	350	400	86.500		22.600		22.400		144	
Beryllium	7.2	72	0.112	U	0.115		0.139		0.110	U
Cadmium	2.5	4.3	0.336	U	0.340	U	0.316	U	0.465	
Calcium	~	~	14,500		680		618		20,900	
Chromium	~	~	10.800		6.340		6.510		10.300	
Cobalt	~	~	4.600		3.910		4.070		4.420	
Copper	50	270	22.500		9.530		6.630		34.600	
Iron	~	~	8,820		9,200		9,370		8,480	
Lead	63	400	140		11.900		3.420		161	
Magnesium	~	~	6,240		1,970		1,990		9,750	
Manganese	1600	2000	272		198		215		218	
Nickel	30	310	10.700		9.200		9.150		11.200	
Potassium	~	~	1,050		695		668		1,120	
Selenium	3.9	180	1.120	U	1.130	U	1.050	U	1.100	U
Silver	2	180	0.560	U	0.567	U	0.526	U	0.551	U
Sodium	~	~	453		197		129		712	
Thallium	~	~	1.120	U	1.130	U	1.050	U	1.100	U
Vanadium	~	~	19.200		9.080		8.390		19.400	
Zinc	109	10000	101		45.300		21.500		108	
Mercury by 7470/7471	mg/Kg	mg/Kg								
Dilution Factor										
Mercury	0.18	0.81	NT		NT		NT		NT	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Mercury	0.18	0.81	0.151		0.0736		0.0316	U	0.314	
Total Solids			%		%		%		%	
Dilution Factor			1		1		1		1	
% Solids	~	~	89.300		88.200		95		90.700	

Table 1. Soil Sample Analytical Results
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Sample ID	NYSDEC Part 375	NYSDEC Part 375	B-5 0-2ft		B-5 6-8ft		B-5 14-16ft		B-6 0-2ft	
Sampling Date	Unrestricted Use	Restricted Use	2/7/2017		2/7/2017		2/7/2017		2/7/2017	
Client Matrix	Soil Cleanup Objectives	Soil Cleanup Objectives - Restricted Residential	Soil		Soil		Soil		Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aroclor 1016	~	~	0.0187	U	0.0189	U	0.0175	U	0.0184	U
Aroclor 1221	~	~	0.0187	U	0.0189	U	0.0175	U	0.0184	U
Aroclor 1232	~	~	0.0187	U	0.0189	U	0.0175	U	0.0184	U
Aroclor 1242	~	~	0.0187	U	0.0189	U	0.0175	U	0.0184	U
Aroclor 1248	~	~	0.0187	U	0.0189	U	0.0175	U	0.0184	U
Aroclor 1254	~	~	0.0187	U	0.0189	U	0.0175	U	0.0184	U
Aroclor 1260	~	~	0.0187	U	0.0189	U	0.0175	U	0.0184	U
Total PCBs	0.1	1	0.0187	U	0.0189	U	0.0175	U	0.0184	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-6 6-8ft 2/7/2017 Soil		B-6 14-16ft 2/7/2017 Soil		B-7 0-2ft 2/7/2017 Soil		B-7 6-8ft 2/7/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
1,1,1-Trichloroethane	0.68	100	0.00250	U	0.00260	U	0.00300	U	0.00200	U
1,1,2,2-Tetrachloroethane	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
1,1,2-Trichloroethane	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
1,1-Dichloroethane	0.27	26	0.00250	U	0.00260	U	0.00300	U	0.00200	U
1,1-Dichloroethylene	0.33	100	0.00250	U	0.00260	U	0.00300	U	0.00200	U
1,2,3-Trichlorobenzene	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
1,2,3-Trichloropropane	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
1,2,4-Trichlorobenzene	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
1,2,4-Trimethylbenzene	3.6	52	0.00250	U	0.00260	U	0.00300	U	0.00200	U
1,2-Dibromo-3-chloropropane	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
1,2-Dibromoethane	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
1,2-Dichlorobenzene	1.1	100	0.00250	U	0.00260	U	0.00300	U	0.00200	U
1,2-Dichloroethane	0.02	3.1	0.00250	U	0.00260	U	0.00300	U	0.00200	U
1,2-Dichloropropane	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
1,3,5-Trimethylbenzene	8.4	52	0.00250	U	0.00260	U	0.00300	U	0.00200	U
1,3-Dichlorobenzene	2.4	49	0.00250	U	0.00260	U	0.00300	U	0.00200	U
1,4-Dichlorobenzene	1.8	13	0.00250	U	0.00260	U	0.00300	U	0.00200	U
1,4-Dioxane	0.1	13	0.0500	U	0.0510	U	0.0600	U	0.0400	U
2-Butanone	0.12	100	0.00250	U	0.00260	U	0.00300	U	0.00200	U
2-Hexanone	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
4-Methyl-2-pentanone	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Acetone	0.05	100	0.0440	B	0.140	B	0.0380	B	0.0370	B
Acrolein	~	~	0.00500	U	0.00510	U	0.00600	U	0.00400	U
Acrylonitrile	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Benzene	0.06	4.8	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Bromochloromethane	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Bromodichloromethane	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Bromoform	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Bromomethane	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Carbon disulfide	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Carbon tetrachloride	0.76	2.4	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Chlorobenzene	1.1	100	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Chloroethane	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Chloroform	0.37	49	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Chloromethane	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
cis-1,2-Dichloroethylene	0.25	100	0.00250	U	0.00260	U	0.00300	U	0.00200	U
cis-1,3-Dichloropropylene	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Cyclohexane	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Dibromochloromethane	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Dibromomethane	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Dichlorodifluoromethane	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U

Table 1. Soil Sample Analytical Results
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Compound			Result	Q	Result	Q	Result	Q	Result	Q
Ethyl Benzene	1	41	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Hexachlorobutadiene	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Isopropylbenzene	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Methyl acetate	~	~	0.00250	U	0.0150		0.00300	U	0.00460	
Methyl tert-butyl ether (MTBE)	0.93	100	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Methylcyclohexane	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Methylene chloride	0.05	100	0.00500	U	0.00510	U	0.00980	J	0.00400	U
n-Butylbenzene	12	100	0.00250	U	0.00260	U	0.00300	U	0.00200	U
n-Propylbenzene	3.9	100	0.00250	U	0.00260	U	0.00300	U	0.00200	U
o-Xylene	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
p- & m- Xylenes	~	~	0.00500	U	0.00510	U	0.00600	U	0.00400	U
p-Isopropyltoluene	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
sec-Butylbenzene	11	100	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Styrene	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
tert-Butyl alcohol (TBA)	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
tert-Butylbenzene	5.9	100	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Tetrachloroethylene	1.3	19	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Toluene	0.7	100	0.00250	J	0.00270	J	0.00300	U	0.00200	U
trans-1,2-Dichloroethylene	0.19	100	0.00250	U	0.00260	U	0.00300	U	0.00200	U
trans-1,3-Dichloropropylene	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Trichloroethylene	0.47	21	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Trichlorofluoromethane	~	~	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Vinyl Chloride	0.02	0.9	0.00250	U	0.00260	U	0.00300	U	0.00200	U
Xylenes, Total	0.26	100	0.00750	U	0.00770	U	0.00910	U	0.00590	U
Semi-Volatiles, 8270 Base/Neutrals	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2		2	
1,2,4-Trichlorobenzene	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
1,2-Dichlorobenzene	1.1	100	0.0453	U	0.0454	U	0.0455	U	0.0484	U
1,3-Dichlorobenzene	2.4	49	0.0453	U	0.0454	U	0.0455	U	0.0484	U
1,4-Dichlorobenzene	1.8	13	0.0453	U	0.0454	U	0.0455	U	0.0484	U
2,4-Dinitrotoluene	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
2,6-Dinitrotoluene	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
2-Chloronaphthalene	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
2-Methylnaphthalene	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
3,3-Dichlorobenzidine	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
3-Nitroaniline	~	~	0.0903	U	0.0905	U	0.0908	U	0.0966	U
4-Bromophenyl phenyl ether	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
4-Chloroaniline	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
4-Chlorophenyl phenyl ether	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
4-Nitroaniline	~	~	0.0903	U	0.0905	U	0.0908	U	0.0966	U
Acenaphthene	20	100	0.0453	U	0.0454	U	0.0455	U	0.127	D
Acenaphthylene	100	100	0.0453	U	0.0454	U	0.0501	JD	0.0484	U
Aniline	~	~	0.181	U	0.181	U	0.182	U	0.193	U
Anthracene	100	100	0.0453	U	0.0454	U	0.0950	D	0.367	D
Benzo(a)anthracene	1	1	0.0453	U	0.0454	U	0.694	D	1	D

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Compound			Result	Q	Result	Q	Result	Q	Result	Q
Benzo(a)pyrene	1	1	0.0453	U	0.0454	U	0.289	D	0.283	D
Benzo(b)fluoranthene	1	1	0.0453	U	0.0454	U	0.221	D	0.224	D
Benzo(g,h,i)perylene	100	100	0.0453	U	0.0454	U	0.242	D	0.230	D
Benzo(k)fluoranthene	0.8	3.9	0.0453	U	0.0454	U	0.313	D	0.366	D
Benzyl butyl phthalate	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
Bis(2-chloroethoxy)methane	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
Bis(2-chloroethyl)ether	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
Bis(2-chloroisopropyl)ether	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
Bis(2-ethylhexyl)phthalate	~	~	0.0453	U	0.0454	U	0.0820	JD	0.0484	U
Carbazole	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
Chrysene	1	3.9	0.0453	U	0.0454	U	0.719	D	1.010	D
Dibenzo(a,h)anthracene	0.33	0.33	0.0453	U	0.0454	U	0.115	D	0.110	D
Dibenzofuran	7	59	0.0453	U	0.0454	U	0.0455	U	0.0571	JD
Diethyl phthalate	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
Dimethyl phthalate	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
Di-n-butyl phthalate	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
Di-n-octyl phthalate	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
Fluoranthene	100	100	0.0453	U	0.0454	U	0.998	D	1.770	D
Fluorene	30	100	0.0453	U	0.0454	U	0.0455	U	0.107	D
Hexachlorobenzene	0.33	1.2	0.0453	U	0.0454	U	0.0455	U	0.0484	U
Hexachlorobutadiene	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
Hexachlorocyclopentadiene	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
Hexachloroethane	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0453	U	0.0454	U	0.190	D	0.225	D
Isophorone	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
Naphthalene	12	100	0.0453	U	0.0454	U	0.0455	U	0.0484	U
Nitrobenzene	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
N-Nitrosodimethylamine	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
N-nitroso-di-n-propylamine	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
N-Nitrosodiphenylamine	~	~	0.0453	U	0.0454	U	0.0455	U	0.0484	U
Phenanthrene	100	100	0.0453	U	0.0454	U	0.350	D	1.370	D
Pyrene	100	100	0.0453	U	0.0454	U	1.190	D	2.220	D
Pyridine	~	~	0.181	U	0.181	U	0.182	U	0.193	U
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5	
4,4'-DDD	0.0033	13	0.00179	U	0.00179	U	0.00180	U	0.00191	U
4,4'-DDE	0.0033	8.9	0.00179	U	0.00179	U	0.00180	U	0.00191	U
4,4'-DDT	0.0033	7.9	0.00179	U	0.00179	U	0.00180	U	0.00191	U
Aldrin	0.005	0.097	0.00179	U	0.00179	U	0.00180	U	0.00191	U
alpha-BHC	0.02	0.48	0.00179	U	0.00179	U	0.00180	U	0.00191	U
alpha-Chlordane	0.094	4.2	0.00179	U	0.00179	U	0.00180	U	0.00191	U
beta-BHC	0.036	0.36	0.00179	U	0.00179	U	0.00180	U	0.00191	U
Chlordane, total	~	~	0.0357	U	0.0358	U	0.0359	U	0.0382	U
delta-BHC	0.04	100	0.00179	U	0.00179	U	0.00180	U	0.00191	U
Dieldrin	0.005	0.2	0.00179	U	0.00179	U	0.00180	U	0.00191	U

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Compound			Result	Q	Result	Q	Result	Q	Result	Q
Endosulfan I	2.4	24	0.00179	U	0.00179	U	0.00180	U	0.00191	U
Endosulfan II	2.4	24	0.00179	U	0.00179	U	0.00180	U	0.00191	U
Endosulfan sulfate	2.4	24	0.00179	U	0.00179	U	0.00180	U	0.00191	U
Endrin	0.014	11	0.00179	U	0.00179	U	0.00180	U	0.00191	U
Endrin aldehyde	~	~	0.00179	U	0.00179	U	0.00180	U	0.00191	U
Endrin ketone	~	~	0.00179	U	0.00179	U	0.00180	U	0.00191	U
gamma-BHC (Lindane)	0.1	1.3	0.00179	U	0.00179	U	0.00180	U	0.00191	U
gamma-Chlordane	~	~	0.00179	U	0.00179	U	0.00180	U	0.00191	U
Heptachlor	0.042	2.1	0.00179	U	0.00179	U	0.00180	U	0.00191	U
Heptachlor epoxide	~	~	0.00179	U	0.00179	U	0.00180	U	0.00191	U
Methoxychlor	~	~	0.00894	U	0.00896	U	0.00898	U	0.00956	U
Toxaphene	~	~	0.0904	U	0.0906	U	0.0909	U	0.0967	U
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aluminum	~	~	7,180		5,790		3,970		5,940	
Antimony	~	~	0.542	U	0.543	U	0.544	U	0.579	U
Arsenic	13	16	1.080	U	1.090	U	9.420		3.860	
Barium	350	400	35.500		24.300		99.700		144	
Beryllium	7.2	72	0.137		0.155		0.268		0.116	U
Cadmium	2.5	4.3	0.325	U	0.326	U	0.326	U	0.762	
Calcium	~	~	636		618		16,800		34,900	
Chromium	~	~	8.710		7.400		6.870		15.100	
Cobalt	~	~	4.070		5.540		5.750		7.110	
Copper	50	270	4.800		9.780		27.800		86.500	
Iron	~	~	9,740		12,000		15,100		18,000	
Lead	63	400	3.610		4.190		47.600		237	
Magnesium	~	~	1,710		2,380		6,510		15,700	
Manganese	1600	2000	257		286		86.900		293	
Nickel	30	310	9		11.100		15.200		15.700	
Potassium	~	~	575		689		562		2,340	
Selenium	3.9	180	1.080	U	1.090	U	1.600		1.160	U
Silver	2	180	0.542	U	0.543	U	0.544	U	0.579	U
Sodium	~	~	187		170		307		319	
Thallium	~	~	1.080	U	1.090	U	1.090	U	1.160	U
Vanadium	~	~	10.500		10		24.100		23.700	
Zinc	109	10000	25.500		27		54.100		394	
Mercury by 7470/7471	mg/Kg	mg/Kg								
Dilution Factor										
Mercury	0.18	0.81	NT		NT		NT		NT	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Mercury	0.18	0.81	0.0494		0.0326	U	0.184		0.766	
Total Solids			%		%		%		%	
Dilution Factor			1		1		1		1	
% Solids	~	~	92.300		92.100		91.900		86.300	

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Compound			Result	Q	Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aroclor 1016	~	~	0.0180	U	0.0181	U	0.0181	U	0.0193	U
Aroclor 1221	~	~	0.0180	U	0.0181	U	0.0181	U	0.0193	U
Aroclor 1232	~	~	0.0180	U	0.0181	U	0.0181	U	0.0193	U
Aroclor 1242	~	~	0.0180	U	0.0181	U	0.0181	U	0.0193	U
Aroclor 1248	~	~	0.0180	U	0.0181	U	0.0181	U	0.0193	U
Aroclor 1254	~	~	0.0180	U	0.0181	U	0.0181	U	0.0193	U
Aroclor 1260	~	~	0.0180	U	0.0181	U	0.0181	U	0.0193	U
Total PCBs	0.1	1	0.0180	U	0.0181	U	0.0181	U	0.0193	U

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Compound			Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
1,1,1-Trichloroethane	0.68	100	0.00250	U	0.00250	U	0.00280	U	0.00250	U
1,1,2,2-Tetrachloroethane	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
1,1,2-Trichloroethane	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
1,1-Dichloroethane	0.27	26	0.00250	U	0.00250	U	0.00280	U	0.00250	U
1,1-Dichloroethylene	0.33	100	0.00250	U	0.00250	U	0.00280	U	0.00250	U
1,2,3-Trichlorobenzene	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
1,2,3-Trichloropropane	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
1,2,4-Trichlorobenzene	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
1,2,4-Trimethylbenzene	3.6	52	0.00250	U	0.00250	U	0.00280	U	0.00250	U
1,2-Dibromo-3-chloropropane	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
1,2-Dibromoethane	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
1,2-Dichlorobenzene	~	100	0.00250	U	0.00250	U	0.00280	U	0.00250	U
1,2-Dichloroethane	0.02	3.1	0.00250	U	0.00250	U	0.00280	U	0.00250	U
1,2-Dichloropropane	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
1,3,5-Trimethylbenzene	8.4	52	0.00250	U	0.00250	U	0.00280	U	0.00250	U
1,3-Dichlorobenzene	2.4	49	0.00250	U	0.00250	U	0.00280	U	0.00250	U
1,4-Dichlorobenzene	1.8	13	0.00250	U	0.00250	U	0.00280	U	0.00250	U
1,4-Dioxane	0.1	13	0.0500	U	0.0490	U	0.0560	U	0.0510	U
2-Butanone	0.12	100	0.00250	U	0.00250	U	0.00280	U	0.00250	U
2-Hexanone	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
4-Methyl-2-pentanone	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Acetone	0.05	100	0.0960	B	0.0370	B	0.0680	B	0.0750	B
Acrolein	~	~	0.00500	U	0.00490	U	0.00560	U	0.00510	U
Acrylonitrile	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Benzene	0.06	4.8	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Bromochloromethane	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Bromodichloromethane	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Bromoform	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Bromomethane	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Carbon disulfide	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Carbon tetrachloride	0.76	2.4	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Chlorobenzene	1.1	100	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Chloroethane	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Chloroform	0.37	49	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Chloromethane	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
cis-1,2-Dichloroethylene	0.25	100	0.00250	U	0.00250	U	0.00280	U	0.00250	U
cis-1,3-Dichloropropylene	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Cyclohexane	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Dibromochloromethane	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Dibromomethane	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Dichlorodifluoromethane	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U

Table 1. Soil Sample Analytical Results
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Sample ID	NYSDEC Part 375	NYSDEC Part 375	B-7 14-16ft		B-8 0-2ft		B-8 6-8ft		B-8 14-16ft	
Sampling Date	Unrestricted Use	Restricted Use	2/7/2017		2/7/2017		2/7/2017		2/7/2017	
Client Matrix	Soil Cleanup Objectives	Soil Cleanup Objectives - Restricted Residential	Soil		Soil		Soil		Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Ethyl Benzene	1	41	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Hexachlorobutadiene	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Isopropylbenzene	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Methyl acetate	~	~	0.00250	U	0.00250	U	0.00510	J	0.00330	J
Methyl tert-butyl ether (MTBE)	0.93	100	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Methylcyclohexane	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Methylene chloride	0.05	100	0.00500	U	0.00490	U	0.0140	U	0.00510	U
n-Butylbenzene	12	100	0.00250	U	0.00250	U	0.00280	U	0.00250	U
n-Propylbenzene	3.9	100	0.00250	U	0.00250	U	0.00280	U	0.00250	U
o-Xylene	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
p- & m- Xylenes	~	~	0.00500	U	0.00490	U	0.00560	U	0.00510	U
p-Isopropyltoluene	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
sec-Butylbenzene	11	100	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Styrene	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
tert-Butyl alcohol (TBA)	~	~	0.00290	J	0.00250	U	0.00280	U	0.00250	U
tert-Butylbenzene	5.9	100	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Tetrachloroethylene	1.3	19	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Toluene	0.7	100	0.00250	U	0.00250	U	0.00280	U	0.00250	U
trans-1,2-Dichloroethylene	0.19	100	0.00250	U	0.00250	U	0.00280	U	0.00250	U
trans-1,3-Dichloropropylene	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Trichloroethylene	0.47	21	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Trichlorofluoromethane	~	~	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Vinyl Chloride	0.02	0.9	0.00250	U	0.00250	U	0.00280	U	0.00250	U
Xylenes, Total	0.26	100	0.00750	U	0.00740	U	0.00830	U	0.00760	U
Semi-Volatiles, 8270 Base/Neutrals	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		5		2	
1,2,4-Trichlorobenzene	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
1,2-Dichlorobenzene	1.1	100	0.0436	U	0.0465	U	0.0470	U	0.0444	U
1,3-Dichlorobenzene	2.4	49	0.0436	U	0.0465	U	0.0470	U	0.0444	U
1,4-Dichlorobenzene	1.8	13	0.0436	U	0.0465	U	0.0470	U	0.0444	U
2,4-Dinitrotoluene	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
2,6-Dinitrotoluene	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
2-Chloronaphthalene	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
2-Methylnaphthalene	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
3,3-Dichlorobenzidine	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
3-Nitroaniline	~	~	0.0870	U	0.0927	U	0.0938	U	0.0886	U
4-Bromophenyl phenyl ether	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
4-Chloroaniline	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
4-Chlorophenyl phenyl ether	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
4-Nitroaniline	~	~	0.0870	U	0.0927	U	0.0938	U	0.0886	U
Acenaphthene	20	100	0.0436	U	0.167	D	0.161	D	0.0444	U
Acenaphthylene	100	100	0.0436	U	0.0778	JD	0.0705	JD	0.0444	U
Aniline	~	~	0.174	U	0.186	U	0.188	U	0.177	U
Anthracene	100	100	0.0436	U	0.426	D	0.496	D	0.0444	U
Benzo(a)anthracene	1	1	0.0436	U	1.180	D	1.820	D	0.0444	U

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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-7 14-16ft 2/7/2017 Soil		B-8 0-2ft 2/7/2017 Soil		B-8 6-8ft 2/7/2017 Soil		B-8 14-16ft 2/7/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Benzo(a)pyrene	1	1	0.0436	U	0.336	D	0.537	D	0.0444	U
Benzo(b)fluoranthene	1	1	0.0436	U	0.460	D	0.715	D	0.0444	U
Benzo(g,h,i)perylene	100	100	0.0436	U	0.212	D	0.377	D	0.0444	U
Benzo(k)fluoranthene	0.8	3.9	0.0436	U	0.442	D	0.686	D	0.0444	U
Benzyl butyl phthalate	~	~	0.0436	U	0.0815	JD	0.0470	U	0.0444	U
Bis(2-chloroethoxy)methane	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
Bis(2-chloroethyl)ether	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
Bis(2-chloroisopropyl)ether	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
Bis(2-ethylhexyl)phthalate	~	~	0.0436	U	0.104	D	0.0470	U	0.0444	U
Carbazole	~	~	0.0436	U	0.0704	JD	0.0525	JD	0.0444	U
Chrysene	1	3.9	0.0436	U	1.100	D	1.680	D	0.0444	U
Dibenzo(a,h)anthracene	0.33	0.33	0.0436	U	0.143	D	0.202	D	0.0444	U
Dibenzofuran	7	59	0.0436	U	0.0734	JD	0.0472	JD	0.0444	U
Diethyl phthalate	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
Dimethyl phthalate	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
Di-n-butyl phthalate	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
Di-n-octyl phthalate	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
Fluoranthene	100	100	0.0436	U	1.970	D	2.810	D	0.0444	U
Fluorene	30	100	0.0436	U	0.160	D	0.114	D	0.0444	U
Hexachlorobenzene	0.33	1.2	0.0436	U	0.0465	U	0.0470	U	0.0444	U
Hexachlorobutadiene	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
Hexachlorocyclopentadiene	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
Hexachloroethane	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0436	U	0.264	D	0.383	D	0.0444	U
Isophorone	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
Naphthalene	12	100	0.0436	U	0.0600	JD	0.0470	U	0.0444	U
Nitrobenzene	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
N-Nitrosodimethylamine	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
N-nitroso-di-n-propylamine	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
N-Nitrosodiphenylamine	~	~	0.0436	U	0.0465	U	0.0470	U	0.0444	U
Phenanthrene	100	100	0.0436	U	1.450	D	1.950	D	0.0444	U
Pyrene	100	100	0.0436	U	2.230	D	4.820	D	0.0444	U
Pyridine	~	~	0.174	U	0.186	U	0.188	U	0.177	U
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5	
4,4'-DDD	0.0033	13	0.00172	U	0.00183	U	0.00186	U	0.00175	U
4,4'-DDE	0.0033	8.9	0.00172	U	0.00183	U	0.00186	U	0.00175	U
4,4'-DDT	0.0033	7.9	0.00172	U	0.00183	U	0.00186	U	0.00175	U
Aldrin	0.005	0.097	0.00172	U	0.00183	U	0.00186	U	0.00175	U
alpha-BHC	0.02	0.48	0.00172	U	0.00183	U	0.00186	U	0.00175	U
alpha-Chlordane	0.094	4.2	0.00172	U	0.00183	U	0.00186	U	0.00175	U
beta-BHC	0.036	0.36	0.00172	U	0.00183	U	0.00186	U	0.00175	U
Chlordane, total	~	~	0.0344	U	0.0367	U	0.0371	U	0.0350	U
delta-BHC	0.04	100	0.00172	U	0.00183	U	0.00186	U	0.00175	U
Dieldrin	0.005	0.2	0.00172	U	0.00183	U	0.00186	U	0.00175	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-7 14-16ft 2/7/2017 Soil		B-8 0-2ft 2/7/2017 Soil		B-8 6-8ft 2/7/2017 Soil		B-8 14-16ft 2/7/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Endosulfan I	2.4	24	0.00172	U	0.00183	U	0.00186	U	0.00175	U
Endosulfan II	2.4	24	0.00172	U	0.00183	U	0.00186	U	0.00175	U
Endosulfan sulfate	2.4	24	0.00172	U	0.00183	U	0.00186	U	0.00175	U
Endrin	0.014	11	0.00172	U	0.00183	U	0.00186	U	0.00175	U
Endrin aldehyde	~	~	0.00172	U	0.00183	U	0.00186	U	0.00175	U
Endrin ketone	~	~	0.00172	U	0.00183	U	0.00186	U	0.00175	U
gamma-BHC (Lindane)	0.1	1.3	0.00172	U	0.00183	U	0.00186	U	0.00175	U
gamma-Chlordane	~	~	0.00172	U	0.00183	U	0.00186	U	0.00175	U
Heptachlor	0.042	2.1	0.00172	U	0.00183	U	0.00186	U	0.00175	U
Heptachlor epoxide	~	~	0.00172	U	0.00183	U	0.00186	U	0.00175	U
Methoxychlor	~	~	0.00861	U	0.00917	U	0.00928	U	0.00876	U
Toxaphene	~	~	0.0871	U	0.0928	U	0.0939	U	0.0887	U
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aluminum	~	~	4,960		6,320		5,980		5,570	
Antimony	~	~	0.522	U	0.556	U	0.562	U	0.531	U
Arsenic	13	16	1.040	U	2.420		2.820		1.060	U
Barium	350	400	19,300		130		151		19	
Beryllium	7.2	72	0.154		0.111	U	0.112	U	0.143	
Cadmium	2.5	4.3	0.313	U	0.419		0.443		0.319	U
Calcium	~	~	544		18,500		6,930		460	
Chromium	~	~	5,710		11,800		12		7,220	
Cobalt	~	~	4,120		5,190		5,730		4,530	
Copper	50	270	7,420		28,600		46,500		7,780	
Iron	~	~	9,190		10,400		11,900		10,200	
Lead	63	400	3,540		308		238		3,930	
Magnesium	~	~	2,050		6,100		3,050		2,200	
Manganese	1600	2000	249		383		226		217	
Nickel	30	310	9,720		12,900		12,500		10,600	
Potassium	~	~	557		1,170		908		652	
Selenium	3.9	180	1.040	U	1.110	U	1.120	U	1.060	U
Silver	2	180	0.522	U	0.556	U	0.562	U	0.531	U
Sodium	~	~	92,100		300		163		148	
Thallium	~	~	1.040	U	1.110	U	1.120	U	1.060	U
Vanadium	~	~	7,860		19,700		14,600		11,400	
Zinc	109	10000	23,100		215		244		21,900	
Mercury by 7470/7471	mg/Kg	mg/Kg								
Dilution Factor										
Mercury	0.18	0.81	NT		NT		NT		NT	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Mercury	0.18	0.81	0.0355		0.358		0.844		0.0319	U
Total Solids			%		%		%		%	
Dilution Factor			1		1		1		1	
% Solids	~	~	95,800		90		88,900		94,200	

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-7 14-16ft 2/7/2017 Soil		B-8 0-2ft 2/7/2017 Soil		B-8 6-8ft 2/7/2017 Soil		B-8 14-16ft 2/7/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aroclor 1016	~	~	0.0174	U	0.0185	U	0.0187	U	0.0177	U
Aroclor 1221	~	~	0.0174	U	0.0185	U	0.0187	U	0.0177	U
Aroclor 1232	~	~	0.0174	U	0.0185	U	0.0187	U	0.0177	U
Aroclor 1242	~	~	0.0174	U	0.0185	U	0.0187	U	0.0177	U
Aroclor 1248	~	~	0.0174	U	0.0185	U	0.0187	U	0.0177	U
Aroclor 1254	~	~	0.0174	U	0.0185	U	0.0187	U	0.0177	U
Aroclor 1260	~	~	0.0174	U	0.0185	U	0.0187	U	0.0177	U
Total PCBs	0.1	1	0.0174	U	0.0185	U	0.0187	U	0.0177	U

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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-9 (0-2) 2/13/2017 Soil		B-9 (6-8) 2/13/2017 Soil		B-9 (14-16) 2/13/2017 Soil		B-10 (0-2) 2/13/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
1,1,1-Trichloroethane	0.68	100	0.00370	U	0.00250	U	0.00260	U	0.00220	U
1,1,2,2-Tetrachloroethane	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
1,1,2-Trichloroethane	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
1,1-Dichloroethane	0.27	26	0.00370	U	0.00250	U	0.00260	U	0.00220	U
1,1-Dichloroethylene	0.33	100	0.00370	U	0.00250	U	0.00260	U	0.00220	U
1,2,3-Trichlorobenzene	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
1,2,3-Trichloropropane	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
1,2,4-Trichlorobenzene	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
1,2,4-Trimethylbenzene	3.6	52	0.00370	U	0.00250	U	0.00260	U	0.00220	U
1,2-Dibromo-3-chloropropane	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
1,2-Dibromoethane	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
1,2-Dichlorobenzene	1.1	100	0.00370	U	0.00250	U	0.00260	U	0.00220	U
1,2-Dichloroethane	0.02	3.1	0.00370	U	0.00250	U	0.00260	U	0.00220	U
1,2-Dichloropropane	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
1,3,5-Trimethylbenzene	8.4	52	0.00370	U	0.00250	U	0.00260	U	0.00220	U
1,3-Dichlorobenzene	2.4	49	0.00370	U	0.00250	U	0.00260	U	0.00220	U
1,4-Dichlorobenzene	1.8	13	0.00370	U	0.00250	U	0.00260	U	0.00220	U
1,4-Dioxane	0.1	13	0.0750	U	0.0510	U	0.0510	U	0.0450	U
2-Butanone	0.12	100	0.00370	U	0.00250	U	0.00270	J	0.00220	U
2-Hexanone	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
4-Methyl-2-pentanone	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Acetone	0.05	100	0.0420	B	0.0510	B	0.160	B	0.0350	B
Acrolein	~	~	0.00750	U	0.00510	U	0.00510	U	0.00450	U
Acrylonitrile	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Benzene	0.06	4.8	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Bromochloromethane	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Bromodichloromethane	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Bromoform	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Bromomethane	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Carbon disulfide	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Carbon tetrachloride	0.76	2.4	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Chlorobenzene	1.1	100	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Chloroethane	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Chloroform	0.37	49	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Chloromethane	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
cis-1,2-Dichloroethylene	0.25	100	0.00370	U	0.00250	U	0.00260	U	0.00220	U
cis-1,3-Dichloropropylene	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Cyclohexane	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Dibromochloromethane	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Dibromomethane	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Dichlorodifluoromethane	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U

Table 1. Soil Sample Analytical Results
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Sample ID	NYSDEC Part 375	NYSDEC Part 375	B-9 (0-2)		B-9 (6-8)		B-9 (14-16)		B-10 (0-2)	
Sampling Date	Unrestricted Use	Restricted Use	2/13/2017		2/13/2017		2/13/2017		2/13/2017	
Client Matrix	Soil Cleanup Objectives	Soil Cleanup Objectives - Restricted Residential	Soil		Soil		Soil		Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Ethyl Benzene	1	41	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Hexachlorobutadiene	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Isopropylbenzene	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Methyl acetate	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Methylcyclohexane	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Methylene chloride	0.05	100	0.00750	U	0.00510	U	0.00510	U	0.00450	U
n-Butylbenzene	12	100	0.00370	U	0.00250	U	0.00260	U	0.00220	U
n-Propylbenzene	3.9	100	0.00370	U	0.00250	U	0.00260	U	0.00220	U
o-Xylene	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
p- & m- Xylenes	~	~	0.00750	U	0.00510	U	0.00510	U	0.00450	U
p-Isopropyltoluene	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
sec-Butylbenzene	11	100	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Styrene	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
tert-Butyl alcohol (TBA)	~	~	0.00370	U	0.00250	U	0.00360	J	0.00220	U
tert-Butylbenzene	5.9	100	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Tetrachloroethylene	1.3	19	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Toluene	0.7	100	0.00370	U	0.00250	U	0.00380	J	0.00220	U
trans-1,2-Dichloroethylene	0.19	100	0.00370	U	0.00250	U	0.00260	U	0.00220	U
trans-1,3-Dichloropropylene	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Trichloroethylene	0.47	21	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Trichlorofluoromethane	~	~	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Vinyl Chloride	0.02	0.9	0.00370	U	0.00250	U	0.00260	U	0.00220	U
Xylenes, Total	0.26	100	0.0110	U	0.00760	U	0.00770	U	0.00670	U
Semi-Volatiles, 8270 Base/Neutrals	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2		2	
1,2,4-Trichlorobenzene	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
1,2-Dichlorobenzene	1.1	100	0.0435	U	0.0448	U	0.0439	U	0.0525	U
1,3-Dichlorobenzene	2.4	49	0.0435	U	0.0448	U	0.0439	U	0.0525	U
1,4-Dichlorobenzene	1.8	13	0.0435	U	0.0448	U	0.0439	U	0.0525	U
2,4-Dinitrotoluene	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
2,6-Dinitrotoluene	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
2-Chloronaphthalene	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
2-Methylnaphthalene	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
3,3-Dichlorobenzidine	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
3-Nitroaniline	~	~	0.0869	U	0.0895	U	0.0875	U	0.105	U
4-Bromophenyl phenyl ether	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
4-Chloroaniline	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
4-Chlorophenyl phenyl ether	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
4-Nitroaniline	~	~	0.0869	U	0.0895	U	0.0875	U	0.105	U
Acenaphthene	20	100	0.0555	JD	0.0844	JD	0.0439	U	0.109	D
Acenaphthylene	100	100	0.112	D	0.0815	JD	0.0630	JD	0.0837	JD
Aniline	~	~	0.174	U	0.179	U	0.175	U	0.210	U
Anthracene	100	100	0.196	D	0.333	D	0.0728	JD	0.325	D
Benzo(a)anthracene	1	1	0.512	D	0.687	D	0.268	D	0.909	D

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-9 (0-2) 2/13/2017 Soil		B-9 (6-8) 2/13/2017 Soil		B-9 (14-16) 2/13/2017 Soil		B-10 (0-2) 2/13/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Benzo(a)pyrene	1	1	0.421	D	0.575	D	0.186	D	0.847	D
Benzo(b)fluoranthene	1	1	0.455	D	0.491	D	0.299	D	0.760	D
Benzo(g,h,i)perylene	100	100	0.277	D	0.335	D	0.185	D	0.545	D
Benzo(k)fluoranthene	0.8	3.9	0.488	D	0.611	D	0.311	D	0.902	D
Benzyl butyl phthalate	~	~	0.0514	JD	0.0448	U	0.0439	U	0.0525	U
Bis(2-chloroethoxy)methane	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
Bis(2-chloroethyl)ether	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
Bis(2-chloroisopropyl)ether	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
Bis(2-ethylhexyl)phthalate	~	~	0.0965	D	0.0448	U	0.0439	U	0.0525	U
Carbazole	~	~	0.121	D	0.133	D	0.0439	U	0.201	D
Chrysene	1	3.9	0.658	D	0.813	D	0.311	D	1.070	D
Dibenzo(a,h)anthracene	0.33	0.33	0.151	D	0.170	D	0.0910	D	0.262	D
Dibenzofuran	7	59	0.0435	U	0.0448	U	0.0439	U	0.0525	U
Diethyl phthalate	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
Dimethyl phthalate	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
Di-n-butyl phthalate	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
Di-n-octyl phthalate	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
Fluoranthene	100	100	1.050	D	1.510	D	0.485	D	1.860	D
Fluorene	30	100	0.0660	JD	0.104	D	0.0439	U	0.0962	JD
Hexachlorobenzene	0.33	1.2	0.0435	U	0.0448	U	0.0439	U	0.0525	U
Hexachlorobutadiene	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
Hexachlorocyclopentadiene	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
Hexachloroethane	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.242	D	0.293	D	0.143	D	0.498	D
Isophorone	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
Naphthalene	12	100	0.0435	U	0.0448	U	0.0439	U	0.0525	U
Nitrobenzene	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
N-Nitrosodimethylamine	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
N-nitroso-di-n-propylamine	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
N-Nitrosodiphenylamine	~	~	0.0435	U	0.0448	U	0.0439	U	0.0525	U
Phenanthrene	100	100	0.766	D	1.160	D	0.327	D	1.370	D
Pyrene	100	100	0.841	D	1.240	D	0.409	D	1.620	D
Pyridine	~	~	0.174	U	0.179	U	0.175	U	0.210	U
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5	
4,4'-DDD	0.0033	13	0.00172	U	0.00177	U	0.00173	U	0.00207	U
4,4'-DDE	0.0033	8.9	0.00172	U	0.00177	U	0.00173	U	0.00207	U
4,4'-DDT	0.0033	7.9	0.00172	U	0.00177	U	0.00173	U	0.00207	U
Aldrin	0.005	0.097	0.00172	U	0.00177	U	0.00173	U	0.00207	U
alpha-BHC	0.02	0.48	0.00172	U	0.00177	U	0.00173	U	0.00207	U
alpha-Chlordane	0.094	4.2	0.00172	U	0.00177	U	0.00173	U	0.00207	U
beta-BHC	0.036	0.36	0.00172	U	0.00177	U	0.00173	U	0.00207	U
Chlordane, total	~	~	0.0344	U	0.0354	U	0.0346	U	0.0414	U
delta-BHC	0.04	100	0.00172	U	0.00177	U	0.00173	U	0.00207	U
Dieldrin	0.005	0.2	0.00172	U	0.00177	U	0.00173	U	0.00207	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-9 (0-2) 2/13/2017 Soil		B-9 (6-8) 2/13/2017 Soil		B-9 (14-16) 2/13/2017 Soil		B-10 (0-2) 2/13/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Endosulfan I	2.4	24	0.00172	U	0.00177	U	0.00173	U	0.00207	U
Endosulfan II	2.4	24	0.00172	U	0.00177	U	0.00173	U	0.00207	U
Endosulfan sulfate	2.4	24	0.00172	U	0.00177	U	0.00173	U	0.00207	U
Endrin	0.014	11	0.00172	U	0.00177	U	0.00173	U	0.00207	U
Endrin aldehyde	~	~	0.00172	U	0.00177	U	0.00173	U	0.00207	U
Endrin ketone	~	~	0.00172	U	0.00177	U	0.00173	U	0.00207	U
gamma-BHC (Lindane)	0.1	1.3	0.00172	U	0.00177	U	0.00173	U	0.00207	U
gamma-Chlordane	~	~	0.00172	U	0.00177	U	0.00173	U	0.00207	U
Heptachlor	0.042	2.1	0.00172	U	0.00177	U	0.00173	U	0.00207	U
Heptachlor epoxide	~	~	0.00172	U	0.00177	U	0.00173	U	0.00207	U
Methoxychlor	~	~	0.00859	U	0.00885	U	0.00866	U	0.0104	U
Toxaphene	~	~	0.0870	U	0.0896	U	0.0876	U	0.105	U
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aluminum	~	~	3,000		5,510		5,070		4,620	
Antimony	~	~	0.521	U	0.536	U	0.525	U	0.627	U
Arsenic	13	16	5.310		3.080		2.150		7.070	
Barium	350	400	85.800		68.400		48.500		674	
Beryllium	7.2	72	0.104	U	0.120		0.150		0.254	
Cadmium	2.5	4.3	0.466		0.336		0.315	U	0.776	
Calcium	~	~	36,500		15,000		7,330		8,610	
Chromium	~	~	10.800		11.800		10.100		16.300	
Cobalt	~	~	4.450		5.640		5.100		6.930	
Copper	50	270	66.200		65.500		44.500		476	
Iron	~	~	16,500		12,000		10,700		26,600	
Lead	63	400	527		133		245		2,250	
Magnesium	~	~	16,700		5,320		4,140		2,560	
Manganese	1600	2000	140		181		176		252	
Nickel	30	310	12.900		13.900		12.500		16.200	
Potassium	~	~	875		1,020		677		987	
Selenium	3.9	180	2.190		1.400		1.180		5.390	
Silver	2	180	0.521	U	0.536	U	0.525	U	0.627	U
Sodium	~	~	258	B	250	B	242	B	374	B
Thallium	~	~	1.040	U	1.070	U	1.050	U	1.250	U
Vanadium	~	~	23.200		23.400		16.400		22.900	
Zinc	109	10000	379		166		129		542	
Mercury by 7470/7471	mg/Kg	mg/Kg							1	
Dilution Factor									0.0414	
Mercury	0.18	0.81	NT		NT		NT			U
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg			
Dilution Factor			1		1		1			
Mercury	0.18	0.81	0.403		0.331		0.0399		NT	
Total Solids			%		%		%		%	
Dilution Factor			1		1		1		1	
% Solids	~	~	96		93.200		95.300		79.700	

Table 1. Soil Sample Analytical Results
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Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-9 (0-2) 2/13/2017 Soil		B-9 (6-8) 2/13/2017 Soil		B-9 (14-16) 2/13/2017 Soil		B-10 (0-2) 2/13/2017 Soil	
Client Matrix			Result	Q	Result	Q	Result	Q	Result	Q
Compound										
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aroclor 1016	~	~	0.0174	U	0.0179	U	0.0175	U	0.0209	U
Aroclor 1221	~	~	0.0174	U	0.0179	U	0.0175	U	0.0209	U
Aroclor 1232	~	~	0.0174	U	0.0179	U	0.0175	U	0.0209	U
Aroclor 1242	~	~	0.0174	U	0.0179	U	0.0175	U	0.0209	U
Aroclor 1248	~	~	0.0174	U	0.0179	U	0.0175	U	0.0209	U
Aroclor 1254	~	~	0.0174	U	0.0179	U	0.0175	U	0.0209	U
Aroclor 1260	~	~	0.0174	U	0.0179	U	0.0175	U	0.0209	U
Total PCBs	0.1	1	0.0174	U	0.0179	U	0.0175	U	0.0209	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-10 (6-8) 2/13/2017 Soil		B-10 (14-16) 2/13/2017 Soil		B-11 (0-2') 2/13/2017 Soil		B-11 (6-8) 2/13/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
1,1,1-Trichloroethane	0.68	100	0.00260	U	0.00250	U	0.00260	U	0.00220	U
1,1,2,2-Tetrachloroethane	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
1,1,2-Trichloroethane	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
1,1-Dichloroethane	0.27	26	0.00260	U	0.00250	U	0.00260	U	0.00220	U
1,1-Dichloroethylene	0.33	100	0.00260	U	0.00250	U	0.00260	U	0.00220	U
1,2,3-Trichlorobenzene	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
1,2,3-Trichloropropane	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
1,2,4-Trichlorobenzene	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
1,2,4-Trimethylbenzene	3.6	52	0.00260	U	0.00250	U	0.00260	U	0.00220	U
1,2-Dibromo-3-chloropropane	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
1,2-Dibromoethane	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
1,2-Dichlorobenzene	1.1	100	0.00260	U	0.00250	U	0.00260	U	0.00220	U
1,2-Dichloroethane	0.02	3.1	0.00260	U	0.00250	U	0.00260	U	0.00220	U
1,2-Dichloropropane	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
1,3,5-Trimethylbenzene	8.4	52	0.00260	U	0.00250	U	0.00260	U	0.00220	U
1,3-Dichlorobenzene	2.4	49	0.00260	U	0.00250	U	0.00260	U	0.00220	U
1,4-Dichlorobenzene	1.8	13	0.00260	U	0.00250	U	0.00260	U	0.00220	U
1,4-Dioxane	0.1	13	0.0510	U	0.0510	U	0.0510	U	0.0430	U
2-Butanone	0.12	100	0.00260	U	0.00250	U	0.00470	J	0.00220	U
2-Hexanone	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
4-Methyl-2-pentanone	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Acetone	0.05	100	0.0420	B	0.0830	B	0.0460	B	0.0230	
Acrolein	~	~	0.00510	U	0.00510	U	0.00510	U	0.00430	U
Acrylonitrile	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Benzene	0.06	4.8	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Bromochloromethane	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Bromodichloromethane	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Bromoform	~	~	0.00260	U	0.00250	U	0.00260	U	0.00430	U
Bromomethane	~	~	0.00260	U	0.00250	U	0.00260	U	0.00430	U
Carbon disulfide	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Carbon tetrachloride	0.76	2.4	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Chlorobenzene	1.1	100	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Chloroethane	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Chloroform	0.37	49	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Chloromethane	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
cis-1,2-Dichloroethylene	0.25	100	0.00260	U	0.00250	U	0.00260	U	0.00220	U
cis-1,3-Dichloropropylene	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Cyclohexane	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Dibromochloromethane	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Dibromomethane	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Dichlorodifluoromethane	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-10 (6-8) 2/13/2017 Soil		B-10 (14-16) 2/13/2017 Soil		B-11 (0-2') 2/13/2017 Soil		B-11 (6-8) 2/13/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Ethyl Benzene	1	41	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Hexachlorobutadiene	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Isopropylbenzene	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Methyl acetate	~	~	0.00260	U	0.00640	U	0.00260	U	0.00220	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Methylcyclohexane	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Methylene chloride	0.05	100	0.00510	U	0.00510	U	0.00510	U	0.00430	U
n-Butylbenzene	12	100	0.00260	U	0.00250	U	0.00260	U	0.00220	U
n-Propylbenzene	3.9	100	0.00260	U	0.00250	U	0.00260	U	0.00220	U
o-Xylene	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
p- & m- Xylenes	~	~	0.00510	U	0.00510	U	0.00510	U	0.00430	U
p-Isopropyltoluene	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
sec-Butylbenzene	11	100	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Styrene	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
tert-Butyl alcohol (TBA)	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
tert-Butylbenzene	5.9	100	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Tetrachloroethylene	1.3	19	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Toluene	0.7	100	0.00260	U	0.00250	U	0.00260	U	0.00220	U
trans-1,2-Dichloroethylene	0.19	100	0.00260	U	0.00250	U	0.00260	U	0.00220	U
trans-1,3-Dichloropropylene	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Trichloroethylene	0.47	21	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Trichlorofluoromethane	~	~	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Vinyl Chloride	0.02	0.9	0.00260	U	0.00250	U	0.00260	U	0.00220	U
Xylenes, Total	0.26	100	0.00770	U	0.00760	U	0.00770	U	0.00650	U
Semi-Volatiles, 8270 Base/Neutrals	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2		200	
1,2,4-Trichlorobenzene	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
1,2-Dichlorobenzene	1.1	100	0.0466	U	0.0441	U	0.0488	U	0.0459	U
1,3-Dichlorobenzene	2.4	49	0.0466	U	0.0441	U	0.0488	U	0.0459	U
1,4-Dichlorobenzene	1.8	13	0.0466	U	0.0441	U	0.0488	U	0.0459	U
2,4-Dinitrotoluene	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
2,6-Dinitrotoluene	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
2-Chloronaphthalene	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
2-Methylnaphthalene	~	~	0.0466	U	0.0441	U	0.107	D	3.440	D
3,3-Dichlorobenzidine	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
3-Nitroaniline	~	~	0.0930	U	0.0881	U	0.0974	U	0.0917	U
4-Bromophenyl phenyl ether	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
4-Chloroaniline	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
4-Chlorophenyl phenyl ether	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
4-Nitroaniline	~	~	0.0930	U	0.0881	U	0.0974	U	0.0917	U
Acenaphthene	20	100	0.0885	JD	0.0441	U	0.507	D	9.530	D
Acenaphthylene	100	100	1.240	D	0.0441	U	0.164	D	0.800	D
Aniline	~	~	0.186	U	0.176	U	0.195	U	0.184	U
Anthracene	100	100	1.840	D	0.0441	U	1.040	D	18.100	D
Benzo(a)anthracene	1	1	4.550	D	0.0441	U	2.180	D	22.600	D

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-10 (6-8) 2/13/2017 Soil		B-10 (14-16) 2/13/2017 Soil		B-11 (0-2') 2/13/2017 Soil		B-11 (6-8) 2/13/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Benzo(a)pyrene	1	1	2.980	D	0.0441	U	2	D	20.800	D
Benzo(b)fluoranthene	1	1	3.340	D	0.0441	U	1.720	D	21.300	D
Benzo(g,h,i)perylene	100	100	2.830	D	0.0441	U	1.190	D	10.200	D
Benzo(k)fluoranthene	0.8	3.9	3.060	D	0.0441	U	1.920	D	25.500	D
Benzyl butyl phthalate	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
Bis(2-chloroethoxy)methane	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
Bis(2-chloroethyl)ether	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
Bis(2-chloroisopropyl)ether	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
Bis(2-ethylhexyl)phthalate	~	~	0.109	D	0.0441	U	0.0623	JD	0.522	D
Carbazole	~	~	0.489	D	0.0441	U	0.846	D	15.300	D
Chrysene	1	3.9	5.170	D	0.0441	U	2.450	D	24.900	D
Dibenzo(a,h)anthracene	0.33	0.33	1.110	D	0.0441	U	0.555	D	6.520	JD
Dibenzofuran	7	59	0.0466	U	0.0441	U	0.357	D	0.0459	U
Diethyl phthalate	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
Dimethyl phthalate	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
Di-n-butyl phthalate	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
Di-n-octyl phthalate	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
Fluoranthene	100	100	7.260	D	0.0451	JD	5.240	D	65.300	D
Fluorene	30	100	0.203	D	0.0441	U	0.457	D	10.100	D
Hexachlorobenzene	0.33	1.2	0.0466	U	0.0441	U	0.0488	U	0.0459	U
Hexachlorobutadiene	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
Hexachlorocyclopentadiene	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
Hexachloroethane	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	2.740	D	0.0441	U	1.110	D	9.090	JD
Isophorone	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
Naphthalene	12	100	0.0751	JD	0.0441	U	0.266	D	6.180	D
Nitrobenzene	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
N-Nitrosodimethylamine	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
N-nitroso-di-n-propylamine	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
N-Nitrosodiphenylamine	~	~	0.0466	U	0.0441	U	0.0488	U	0.0459	U
Phenanthrene	100	100	2.850	D	0.0441	U	4.600	D	81	D
Pyrene	100	100	5.060	D	0.0441	U	4.190	D	39.200	D
Pyridine	~	~	0.186	U	0.176	U	0.195	U	0.184	U
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5	
4,4'-DDD	0.0033	13	0.00184	U	0.00174	U	0.00193	U	0.00181	U
4,4'-DDE	0.0033	8.9	0.00184	U	0.00174	U	0.00193	U	0.00181	U
4,4'-DDT	0.0033	7.9	0.00184	U	0.00174	U	0.00193	U	0.00181	U
Aldrin	0.005	0.097	0.00184	U	0.00174	U	0.00193	U	0.00181	U
alpha-BHC	0.02	0.48	0.00184	U	0.00174	U	0.00193	U	0.00181	U
alpha-Chlordane	0.094	4.2	0.00184	U	0.00174	U	0.00193	U	0.00181	U
beta-BHC	0.036	0.36	0.00184	U	0.00174	U	0.00193	U	0.00181	U
Chlordane, total	~	~	0.0368	U	0.0348	U	0.0385	U	0.0363	U
delta-BHC	0.04	100	0.00184	U	0.00174	U	0.00193	U	0.00181	U
Dieldrin	0.005	0.2	0.00184	U	0.00174	U	0.00193	U	0.00181	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-10 (6-8) 2/13/2017 Soil		B-10 (14-16) 2/13/2017 Soil		B-11 (0-2') 2/13/2017 Soil		B-11 (6-8) 2/13/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Endosulfan I	2.4	24	0.00184	U	0.00174	U	0.00193	U	0.00181	U
Endosulfan II	2.4	24	0.00184	U	0.00174	U	0.00193	U	0.00181	U
Endosulfan sulfate	2.4	24	0.00184	U	0.00174	U	0.00193	U	0.00181	U
Endrin	0.014	11	0.00184	U	0.00174	U	0.00193	U	0.00181	U
Endrin aldehyde	~	~	0.00184	U	0.00174	U	0.00193	U	0.00181	U
Endrin ketone	~	~	0.00184	U	0.00174	U	0.00193	U	0.00181	U
gamma-BHC (Lindane)	0.1	1.3	0.00184	U	0.00174	U	0.00193	U	0.00181	U
gamma-Chlordane	~	~	0.00184	U	0.00174	U	0.00193	U	0.00181	U
Heptachlor	0.042	2.1	0.00184	U	0.00174	U	0.00193	U	0.00181	U
Heptachlor epoxide	~	~	0.00184	U	0.00174	U	0.00193	U	0.00181	U
Methoxychlor	~	~	0.00920	U	0.00871	U	0.00963	U	0.00907	U
Toxaphene	~	~	0.0931	U	0.0882	U	0.0975	U	0.0918	U
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aluminum	~	~	3,720		5,680		5,380		4,070	
Antimony	~	~	0.558	U	0.528	U	0.584	U	0.550	U
Arsenic	13	16	1.910		1.350		5.710		1.100	U
Barium	350	400	209		17.300		370		88.600	
Beryllium	7.2	72	0.112	U	0.256		0.184		0.110	U
Cadmium	2.5	4.3	0.427		0.317	U	1.080		0.333	
Calcium	~	~	34,700		611		46,100		16,300	
Chromium	~	~	10.100		7.870		15		9.850	
Cobalt	~	~	5.800		4.790		6.470		5.650	
Copper	50	270	66.900		6.880		76.200		86.800	
Iron	~	~	14,100		10,300		15,800		22,100	
Lead	63	400	747		3.910		637		304	
Magnesium	~	~	11,500		2,160		5,210		5,770	
Manganese	1600	2000	115		153		380		181	
Nickel	30	310	11		12		15.300		13.700	
Potassium	~	~	1,630		501		1,240		1,190	
Selenium	3.9	180	1.780		1.240		1.870		3.460	
Silver	2	180	0.558	U	0.528	U	0.584	U	0.550	U
Sodium	~	~	253	B	101	B	187	B	257	B
Thallium	~	~	1.120	U	1.060	U	1.170	U	1.100	U
Vanadium	~	~	19.600		9.520		20.700		17.500	
Zinc	109	10000	228		26.400		507		297	
Mercury by 7470/7471	mg/Kg	mg/Kg			mg/Kg					
Dilution Factor			1							
Mercury	0.18	0.81	0.0368	U	NT		NT		NT	
Mercury by 7473	mg/Kg	mg/Kg			mg/Kg		mg/Kg		mg/Kg	
Dilution Factor					1		1		1	
Mercury	0.18	0.81	NT		0.0317	U	2.990		1.400	
Total Solids			%		%		%		%	
Dilution Factor			1		1		1		1	
% Solids	~	~	89.600		94.700		85.600		91	

Table 1. Soil Sample Analytical Results
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Sample ID	NYSDEC Part 375	NYSDEC Part 375	B-10 (6-8)		B-10 (14-16)		B-11 (0-2')		B-11 (6-8)	
Sampling Date	Unrestricted Use	Restricted Use	2/13/2017		2/13/2017		2/13/2017		2/13/2017	
Client Matrix	Soil Cleanup	Soil Cleanup	Soil		Soil		Soil		Soil	
Compound	Objectives	Objectives - Restricted Residential	Result	Q	Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aroclor 1016	~	~	0.0186	U	0.0176	U	0.0195	U	0.0183	U
Aroclor 1221	~	~	0.0186	U	0.0176	U	0.0195	U	0.0183	U
Aroclor 1232	~	~	0.0186	U	0.0176	U	0.0195	U	0.0183	U
Aroclor 1242	~	~	0.0186	U	0.0176	U	0.0195	U	0.0183	U
Aroclor 1248	~	~	0.0186	U	0.0176	U	0.0195	U	0.0183	U
Aroclor 1254	~	~	0.0186	U	0.0176	U	0.0195	U	0.0183	U
Aroclor 1260	~	~	0.0186	U	0.0176	U	0.0195	U	0.0183	U
Total PCBs	0.1	1	0.0186	U	0.0176	U	0.0195	U	0.0183	U

Table 1. Soil Sample Analytical Results
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Sample ID	NYSDEC Part 375	NYSDEC Part 375	B-11 (14-16)		B-12 0-2 ft		B-12 6-8 ft		B-12 14-16 ft	
Sampling Date	Unrestricted Use	Restricted Use	2/13/2017		2/8/2017		2/8/2017		2/8/2017	
Client Matrix	Soil Cleanup Objectives	Soil Cleanup Objectives - Restricted Residential	Soil		Soil		Soil		Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
1,1,1-Trichloroethane	0.68	100	0.00300	U	0.00320	U	0.00260	U	0.00260	U
1,1,2,2-Tetrachloroethane	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
1,1,2-Trichloroethane	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
1,1-Dichloroethane	0.27	26	0.00300	U	0.00320	U	0.00260	U	0.00260	U
1,1-Dichloroethylene	0.33	100	0.00300	U	0.00320	U	0.00260	U	0.00260	U
1,2,3-Trichlorobenzene	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
1,2,3-Trichloropropane	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
1,2,4-Trichlorobenzene	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
1,2,4-Trimethylbenzene	3.6	52	0.00300	U	0.00320	U	0.00260	U	0.00260	U
1,2-Dibromo-3-chloropropane	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
1,2-Dibromoethane	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
1,2-Dichlorobenzene	1.1	100	0.00300	U	0.00320	U	0.00260	U	0.00260	U
1,2-Dichloroethane	0.02	3.1	0.00300	U	0.00320	U	0.00260	U	0.00260	U
1,2-Dichloropropane	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
1,3,5-Trimethylbenzene	8.4	52	0.00300	U	0.00320	U	0.00260	U	0.00260	U
1,3-Dichlorobenzene	2.4	49	0.00300	U	0.00320	U	0.00260	U	0.00260	U
1,4-Dichlorobenzene	1.8	13	0.00300	U	0.00320	U	0.00260	U	0.00260	U
1,4-Dioxane	0.1	13	0.0600	U	0.0630	U	0.0530	U	0.0510	U
2-Butanone	0.12	100	0.00300	U	0.00320	U	0.00260	U	0.00260	U
2-Hexanone	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
4-Methyl-2-pentanone	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Acetone	0.05	100	0.0260		0.0320	B	0.0550	B	0.0110	
Acrolein	~	~	0.00600	U	0.00630	U	0.00530	U	0.00510	U
Acrylonitrile	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Benzene	0.06	4.8	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Bromochloromethane	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Bromodichloromethane	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Bromoform	~	~	0.00600	U	0.00320	U	0.00260	U	0.00260	U
Bromomethane	~	~	0.00600	U	0.00320	U	0.00260	U	0.00260	U
Carbon disulfide	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Carbon tetrachloride	0.76	2.4	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Chlorobenzene	1.1	100	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Chloroethane	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Chloroform	0.37	49	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Chloromethane	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
cis-1,2-Dichloroethylene	0.25	100	0.00300	U	0.00320	U	0.00260	U	0.00260	U
cis-1,3-Dichloropropylene	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Cyclohexane	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Dibromochloromethane	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Dibromomethane	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Dichlorodifluoromethane	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U

Table 1. Soil Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID	NYSDEC Part 375	NYSDEC Part 375	B-11 (14-16)		B-12 0-2 ft		B-12 6-8 ft		B-12 14-16 ft	
Sampling Date	Unrestricted Use	Restricted Use	2/13/2017		2/8/2017		2/8/2017		2/8/2017	
Client Matrix	Soil Cleanup Objectives	Soil Cleanup Objectives - Restricted Residential	Soil		Soil		Soil		Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Ethyl Benzene	1	41	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Hexachlorobutadiene	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Isopropylbenzene	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Methyl acetate	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Methylcyclohexane	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Methylene chloride	0.05	100	0.00600	U	0.00630	U	0.00530	U	0.00510	U
n-Butylbenzene	12	100	0.00300	U	0.00320	U	0.00260	U	0.00260	U
n-Propylbenzene	3.9	100	0.00300	U	0.00320	U	0.00260	U	0.00260	U
o-Xylene	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
p- & m- Xylenes	~	~	0.00600	U	0.00630	U	0.00530	U	0.00510	U
p-Isopropyltoluene	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
sec-Butylbenzene	11	100	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Styrene	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
tert-Butyl alcohol (TBA)	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
tert-Butylbenzene	5.9	100	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Tetrachloroethylene	1.3	19	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Toluene	0.7	100	0.00300	U	0.00320	U	0.00260	U	0.00260	U
trans-1,2-Dichloroethylene	0.19	100	0.00300	U	0.00320	U	0.00260	U	0.00260	U
trans-1,3-Dichloropropylene	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Trichloroethylene	0.47	21	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Trichlorofluoromethane	~	~	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Vinyl Chloride	0.02	0.9	0.00300	U	0.00320	U	0.00260	U	0.00260	U
Xylenes, Total	0.26	100	0.00910	U	0.00950	U	0.00790	U	0.00770	U
Semi-Volatiles, 8270 Base/Neutrals	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2		2	
1,2,4-Trichlorobenzene	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
1,2-Dichlorobenzene	1.1	100	0.237	U	0.0490	U	0.0450	U	0.0470	U
1,3-Dichlorobenzene	2.4	49	0.237	U	0.0490	U	0.0450	U	0.0470	U
1,4-Dichlorobenzene	1.8	13	0.237	U	0.0490	U	0.0450	U	0.0470	U
2,4-Dinitrotoluene	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
2,6-Dinitrotoluene	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
2-Chloronaphthalene	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
2-Methylnaphthalene	~	~	0.264	JD	0.0490	U	0.0450	U	0.0470	U
3,3-Dichlorobenzidine	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
3-Nitroaniline	~	~	0.473	U	0.0978	U	0.0897	U	0.0938	U
4-Bromophenyl phenyl ether	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
4-Chloroaniline	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
4-Chlorophenyl phenyl ether	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
4-Nitroaniline	~	~	0.473	U	0.0978	U	0.0897	U	0.0938	U
Acenaphthene	20	100	0.238	JD	0.0993	D	0.0450	U	0.0470	U
Acenaphthylene	100	100	0.237	U	0.0490	U	0.0450	U	0.0470	U
Aniline	~	~	0.946	U	0.196	U	0.180	U	0.188	U
Anthracene	100	100	0.559	D	0.281	D	0.0450	U	0.0470	U
Benzo(a)anthracene	1	1	0.941	D	0.612	D	0.0854	JD	0.0470	U

Table 1. Soil Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
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Sample ID	NYSDEC Part 375	NYSDEC Part 375	B-11 (14-16)		B-12 0-2 ft		B-12 6-8 ft		B-12 14-16 ft	
Sampling Date	Unrestricted Use	Restricted Use	2/13/2017		2/8/2017		2/8/2017		2/8/2017	
Client Matrix	Soil Cleanup Objectives	Soil Cleanup Objectives - Restricted Residential	Soil		Soil		Soil		Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Benzo(a)pyrene	1	1	0.824	D	0.255	D	0.0450	U	0.0470	U
Benzo(b)fluoranthene	1	1	0.831	D	0.342	D	0.0473	JD	0.0470	U
Benzo(g,h,i)perylene	100	100	0.514	D	0.159	D	0.0450	U	0.0470	U
Benzo(k)fluoranthene	0.8	3.9	0.990	D	0.312	D	0.0473	JD	0.0470	U
Benzyl butyl phthalate	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
Bis(2-chloroethoxy)methane	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
Bis(2-chloroethyl)ether	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
Bis(2-chloroisopropyl)ether	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
Bis(2-ethylhexyl)phthalate	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
Carbazole	~	~	0.431	JD	0.0490	U	0.0450	U	0.0470	U
Chrysene	1	3.9	1.020	D	0.578	D	0.0933	D	0.0470	U
Dibenzo(a,h)anthracene	0.33	0.33	0.280	JD	0.0922	JD	0.0450	U	0.0470	U
Dibenzofuran	7	59	0.237	U	0.0490	U	0.0450	U	0.0470	U
Diethyl phthalate	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
Dimethyl phthalate	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
Di-n-butyl phthalate	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
Di-n-octyl phthalate	~	~	1.190	D	0.0490	U	0.0450	U	0.0470	U
Fluoranthene	100	100	2.460	D	1.180	D	0.141	D	0.0547	JD
Fluorene	30	100	0.237	U	0.0977	JD	0.0450	U	0.0470	U
Hexachlorobenzene	0.33	1.2	0.237	U	0.0490	U	0.0450	U	0.0470	U
Hexachlorobutadiene	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
Hexachlorocyclopentadiene	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
Hexachloroethane	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.385	JD	0.155	D	0.0450	U	0.0470	U
Isophorone	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
Naphthalene	12	100	0.336	JD	0.0490	U	0.0450	U	0.0470	U
Nitrobenzene	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
N-Nitrosodimethylamine	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
N-nitroso-di-n-propylamine	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
N-Nitrosodiphenylamine	~	~	0.237	U	0.0490	U	0.0450	U	0.0470	U
Phenanthrene	100	100	2.340	D	1.120	D	0.0667	JD	0.0470	U
Pyrene	100	100	1.890	D	1.140	D	0.150	D	0.0607	JD
Pyridine	~	~	0.946	U	0.196	U	0.180	U	0.188	U
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5	
4,4'-DDD	0.0033	13	0.00187	U	0.00193	U	0.00178	U	0.00185	U
4,4'-DDE	0.0033	8.9	0.00187	U	0.00193	U	0.00178	U	0.00185	U
4,4'-DDT	0.0033	7.9	0.00187	U	0.00193	U	0.00178	U	0.00185	U
Aldrin	0.005	0.097	0.00187	U	0.00193	U	0.00178	U	0.00185	U
alpha-BHC	0.02	0.48	0.00187	U	0.00193	U	0.00178	U	0.00185	U
alpha-Chlordane	0.094	4.2	0.00187	U	0.00193	U	0.00178	U	0.00185	U
beta-BHC	0.036	0.36	0.00187	U	0.00193	U	0.00178	U	0.00185	U
Chlordane, total	~	~	0.0374	U	0.0387	U	0.0355	U	0.0371	U
delta-BHC	0.04	100	0.00187	U	0.00193	U	0.00178	U	0.00185	U
Dieldrin	0.005	0.2	0.00187	U	0.00193	U	0.00178	U	0.00185	U

Table 1. Soil Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-11 (14-16) 2/13/2017 Soil		B-12 0-2 ft 2/8/2017 Soil		B-12 6-8 ft 2/8/2017 Soil		B-12 14-16 ft 2/8/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Endosulfan I	2.4	24	0.00187	U	0.00193	U	0.00178	U	0.00185	U
Endosulfan II	2.4	24	0.00187	U	0.00193	U	0.00178	U	0.00185	U
Endosulfan sulfate	2.4	24	0.00187	U	0.00193	U	0.00178	U	0.00185	U
Endrin	0.014	11	0.00187	U	0.00193	U	0.00178	U	0.00185	U
Endrin aldehyde	~	~	0.00187	U	0.00193	U	0.00178	U	0.00185	U
Endrin ketone	~	~	0.00187	U	0.00193	U	0.00178	U	0.00185	U
gamma-BHC (Lindane)	0.1	1.3	0.00187	U	0.00193	U	0.00178	U	0.00185	U
gamma-Chlordane	~	~	0.00187	U	0.00193	U	0.00178	U	0.00185	U
Heptachlor	0.042	2.1	0.00187	U	0.00193	U	0.00178	U	0.00185	U
Heptachlor epoxide	~	~	0.00187	U	0.00193	U	0.00178	U	0.00185	U
Methoxychlor	~	~	0.00935	U	0.00967	U	0.00888	U	0.00927	U
Toxaphene	~	~	0.0946	U	0.0979	U	0.0898	U	0.0939	U
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aluminum	~	~	6,450		6,620		7,430		9,300	
Antimony	~	~	0.567	U	3.220		0.538	U	0.562	U
Arsenic	13	16	2.570		6.250		1.080	U	1.120	U
Barium	350	400	84.800		283		59.100		53.900	
Beryllium	7.2	72	0.331		0.300		0.108	U	1.160	
Cadmium	2.5	4.3	0.340	U	0.749		0.557		0.834	
Calcium	~	~	3,170		42,400		98,400		77,100	
Chromium	~	~	9.110		20.700		11.700		11.800	
Cobalt	~	~	4.400		6.720		4.610		4.970	
Copper	50	270	22.200		53.700		14.200		8	
Iron	~	~	9,740		19,000		10,200		13,300	
Lead	63	400	66.100		452		48.600		17.200	
Magnesium	~	~	2,120		11,200	B	37,500	B	50,200	B
Manganese	1600	2000	694		334		262		667	
Nickel	30	310	11		19.100		10.400		9.800	
Potassium	~	~	481		1,530		1,850		389	
Selenium	3.9	180	1.730		2.610		1.080	U	1.120	U
Silver	2	180	0.567	U	0.586	U	0.538	U	0.562	U
Sodium	~	~	161	B	451		335		229	
Thallium	~	~	1.130	U	1.170	U	1.080	U	1.120	U
Vanadium	~	~	11.100		19.200		17.500		17.200	
Zinc	109	10000	89.100		258		57.900		62.200	
Mercury by 7470/7471	mg/Kg	mg/Kg								
Dilution Factor										
Mercury	0.18	0.81	NT		NT		NT		NT	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Mercury	0.18	0.81	0.747		0.258		0.102		0.0813	
Total Solids			%		%		%		%	
Dilution Factor			1		1		1		1	
% Solids	~	~	88.200		85.300		92.900		89	

Table 1. Soil Sample Analytical Results
Phase II Subsurface Investigation
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Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-11 (14-16) 2/13/2017 Soil		B-12 0-2 ft 2/8/2017 Soil		B-12 6-8 ft 2/8/2017 Soil		B-12 14-16 ft 2/8/2017 Soil	
Client Matrix			Result	Q	Result	Q	Result	Q	Result	Q
Compound										
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aroclor 1016	~	~	0.0189	U	0.0195	U	0.0179	U	0.0187	U
Aroclor 1221	~	~	0.0189	U	0.0195	U	0.0179	U	0.0187	U
Aroclor 1232	~	~	0.0189	U	0.0195	U	0.0179	U	0.0187	U
Aroclor 1242	~	~	0.0189	U	0.0195	U	0.0179	U	0.0187	U
Aroclor 1248	~	~	0.0189	U	0.0195	U	0.0179	U	0.0187	U
Aroclor 1254	~	~	0.0189	U	0.0195	U	0.0179	U	0.0187	U
Aroclor 1260	~	~	0.0189	U	0.0195	U	0.0179	U	0.0187	U
Total PCBs	0.1	1	0.0189	U	0.0195	U	0.0179	U	0.0187	U

Table 1. Soil Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-13 0-2 ft 2/8/2017 Soil		B-13 14-16 ft 2/8/2017 Soil		B-13 6-8 ft 2/8/2017 Soil		B-14 0-2 ft 2/8/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
1,1,1-Trichloroethane	0.68	100	0.00280	U	0.00530	U	0.00360	U	0.00280	U
1,1,2,2-Tetrachloroethane	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
1,1,2-Trichloroethane	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
1,1-Dichloroethane	0.27	26	0.00280	U	0.00530	U	0.00360	U	0.00280	U
1,1-Dichloroethylene	0.33	100	0.00280	U	0.00530	U	0.00360	U	0.00280	U
1,2,3-Trichlorobenzene	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
1,2,3-Trichloropropane	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
1,2,4-Trichlorobenzene	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
1,2,4-Trimethylbenzene	3.6	52	0.00280	U	0.00530	U	0.00360	U	0.00280	U
1,2-Dibromo-3-chloropropane	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
1,2-Dibromoethane	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
1,2-Dichlorobenzene	1.1	100	0.00280	U	0.00530	U	0.00360	U	0.00280	U
1,2-Dichloroethane	0.02	3.1	0.00280	U	0.00530	U	0.00360	U	0.00280	U
1,2-Dichloropropane	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
1,3,5-Trimethylbenzene	8.4	52	0.00280	U	0.00530	U	0.00360	U	0.00280	U
1,3-Dichlorobenzene	2.4	49	0.00280	U	0.00530	U	0.00360	U	0.00280	U
1,4-Dichlorobenzene	1.8	13	0.00280	U	0.00530	U	0.00360	U	0.00280	U
1,4-Dioxane	0.1	13	0.0550	U	0.110		0.0720	U	0.0560	U
2-Butanone	0.12	100	0.00280	U	0.00530	U	0.00360	U	0.00280	U
2-Hexanone	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
4-Methyl-2-pentanone	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Acetone	0.05	100	0.100		0.0110	U	0.0530		0.0220	B
Acrolein	~	~	0.00550	U	0.0110	U	0.00720	U	0.00560	U
Acrylonitrile	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Benzene	0.06	4.8	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Bromochloromethane	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Bromodichloromethane	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Bromoform	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Bromomethane	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Carbon disulfide	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Carbon tetrachloride	0.76	2.4	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Chlorobenzene	1.1	100	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Chloroethane	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Chloroform	0.37	49	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Chloromethane	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
cis-1,2-Dichloroethylene	0.25	100	0.00280	U	0.00530	U	0.00360	U	0.00280	U
cis-1,3-Dichloropropylene	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Cyclohexane	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Dibromochloromethane	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Dibromomethane	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Dichlorodifluoromethane	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U

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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-13 0-2 ft 2/8/2017 Soil		B-13 14-16 ft 2/8/2017 Soil		B-13 6-8 ft 2/8/2017 Soil		B-14 0-2 ft 2/8/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Ethyl Benzene	1	41	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Hexachlorobutadiene	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Isopropylbenzene	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Methyl acetate	~	~	0.0130	U	0.00530	U	0.00360	U	0.00280	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Methylcyclohexane	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Methylene chloride	0.05	100	0.00550	U	0.0110	U	0.00720	U	0.00560	U
n-Butylbenzene	12	100	0.00280	U	0.00530	U	0.00360	U	0.00280	U
n-Propylbenzene	3.9	100	0.00280	U	0.00530	U	0.00360	U	0.00280	U
o-Xylene	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
p- & m- Xylenes	~	~	0.00550	U	0.0110	U	0.00720	U	0.00560	U
p-Isopropyltoluene	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
sec-Butylbenzene	11	100	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Styrene	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
tert-Butyl alcohol (TBA)	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
tert-Butylbenzene	5.9	100	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Tetrachloroethylene	1.3	19	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Toluene	0.7	100	0.00280	U	0.00530	U	0.00360	U	0.00280	U
trans-1,2-Dichloroethylene	0.19	100	0.00280	U	0.00530	U	0.00360	U	0.00280	U
trans-1,3-Dichloropropylene	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Trichloroethylene	0.47	21	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Trichlorofluoromethane	~	~	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Vinyl Chloride	0.02	0.9	0.00280	U	0.00530	U	0.00360	U	0.00280	U
Xylenes, Total	0.26	100	0.00830	U	0.0160	U	0.0110	U	0.00850	U
Semi-Volatiles, 8270 Base/Neutrals	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		2		2	
1,2,4-Trichlorobenzene	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
1,2-Dichlorobenzene	1.1	100	0.0221	U	0.0251	U	0.0527	U	0.0453	U
1,3-Dichlorobenzene	2.4	49	0.0221	U	0.0251	U	0.0527	U	0.0453	U
1,4-Dichlorobenzene	1.8	13	0.0221	U	0.0251	U	0.0527	U	0.0453	U
2,4-Dinitrotoluene	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
2,6-Dinitrotoluene	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
2-Chloronaphthalene	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
2-Methylnaphthalene	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
3,3-Dichlorobenzidine	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
3-Nitroaniline	~	~	0.0440	U	0.0500	U	0.105	U	0.0904	U
4-Bromophenyl phenyl ether	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
4-Chloroaniline	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
4-Chlorophenyl phenyl ether	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
4-Nitroaniline	~	~	0.0440	U	0.0500	U	0.105	U	0.0904	U
Acenaphthene	20	100	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Acenaphthylene	100	100	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Aniline	~	~	0.0882	U	0.100	U	0.210	U	0.181	U
Anthracene	100	100	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Benzo(a)anthracene	1	1	0.0221	U	0.0251	U	0.0546	JD	0.0802	JD

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Compound			Result	Q	Result	Q	Result	Q	Result	Q
Benzo(a)pyrene	1	1	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Benzo(b)fluoranthene	1	1	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Benzo(g,h,i)perylene	100	100	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Benzo(k)fluoranthene	0.8	3.9	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Benzyl butyl phthalate	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Bis(2-chloroethoxy)methane	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Bis(2-chloroethyl)ether	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Bis(2-chloroisopropyl)ether	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Bis(2-ethylhexyl)phthalate	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Carbazole	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Chrysene	1	3.9	0.0221	U	0.0251	U	0.0672	JD	0.0998	D
Dibenzo(a,h)anthracene	0.33	0.33	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Dibenzofuran	7	59	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Diethyl phthalate	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Dimethyl phthalate	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Di-n-butyl phthalate	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Di-n-octyl phthalate	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Fluoranthene	100	100	0.0221	U	0.0251	U	0.110	D	0.110	D
Fluorene	30	100	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Hexachlorobenzene	0.33	1.2	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Hexachlorobutadiene	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Hexachlorocyclopentadiene	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Hexachloroethane	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Isophorone	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Naphthalene	12	100	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Nitrobenzene	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
N-Nitrosodimethylamine	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
N-nitroso-di-n-propylamine	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
N-Nitrosodiphenylamine	~	~	0.0221	U	0.0251	U	0.0527	U	0.0453	U
Phenanthrene	100	100	0.0221	U	0.0251	U	0.0747	JD	0.112	D
Pyrene	100	100	0.0221	U	0.0251	U	0.0999	JD	0.243	D
Pyridine	~	~	0.0882	U	0.100	U	0.210	U	0.181	U
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5	
4,4'-DDD	0.0033	13	0.00174	U	0.00198	U	0.00208	U	0.00179	U
4,4'-DDE	0.0033	8.9	0.00174	U	0.00198	U	0.00208	U	0.00179	U
4,4'-DDT	0.0033	7.9	0.00174	U	0.00198	U	0.00208	U	0.00179	U
Aldrin	0.005	0.097	0.00174	U	0.00198	U	0.00208	U	0.00179	U
alpha-BHC	0.02	0.48	0.00174	U	0.00198	U	0.00208	U	0.00179	U
alpha-Chlordane	0.094	4.2	0.00174	U	0.00198	U	0.00208	U	0.00179	U
beta-BHC	0.036	0.36	0.00174	U	0.00198	U	0.00208	U	0.00179	U
Chlordane, total	~	~	0.0349	U	0.0396	U	0.0416	U	0.0358	U
delta-BHC	0.04	100	0.00174	U	0.00198	U	0.00208	U	0.00179	U
Dieldrin	0.005	0.2	0.00174	U	0.00198	U	0.00208	U	0.00179	U

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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-13 0-2 ft 2/8/2017 Soil		B-13 14-16 ft 2/8/2017 Soil		B-13 6-8 ft 2/8/2017 Soil		B-14 0-2 ft 2/8/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Endosulfan I	2.4	24	0.00174	U	0.00198	U	0.00208	U	0.00179	U
Endosulfan II	2.4	24	0.00174	U	0.00198	U	0.00208	U	0.00179	U
Endosulfan sulfate	2.4	24	0.00174	U	0.00198	U	0.00208	U	0.00179	U
Endrin	0.014	11	0.00174	U	0.00198	U	0.00208	U	0.00179	U
Endrin aldehyde	~	~	0.00174	U	0.00198	U	0.00208	U	0.00179	U
Endrin ketone	~	~	0.00174	U	0.00198	U	0.00208	U	0.00179	U
gamma-BHC (Lindane)	0.1	1.3	0.00174	U	0.00198	U	0.00208	U	0.00179	U
gamma-Chlordane	~	~	0.00174	U	0.00198	U	0.00208	U	0.00179	U
Heptachlor	0.042	2.1	0.00174	U	0.00198	U	0.00208	U	0.00179	U
Heptachlor epoxide	~	~	0.00174	U	0.00198	U	0.00208	U	0.00179	U
Methoxychlor	~	~	0.00871	U	0.00989	U	0.0104	U	0.00895	U
Toxaphene	~	~	0.0882	U	0.100	U	0.105	U	0.0906	U
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aluminum	~	~	5,190		5,200		6,210		10,300	
Antimony	~	~	0.528	U	0.600	U	0.630	U	0.542	U
Arsenic	13	16	2.030		4.460		7.520		1.730	
Barium	350	400	59.800		155		755		161	
Beryllium	7.2	72	0.106	U	0.230		0.371		0.108	U
Cadmium	2.5	4.3	0.530		0.562		1.130		0.808	
Calcium	~	~	28,600		35,000		23,800		22,200	
Chromium	~	~	8.300		12.900		19.600		19.400	
Cobalt	~	~	8.330		6.010		9.070		10.800	
Copper	50	270	60.800		41.500		71.400		44.600	
Iron	~	~	12,900		13,100		537		16,400	
Lead	63	400	66.700		398		1,520		79.300	
Magnesium	~	~	13,400	B	19,400	B	7,870	B	11,500	B
Manganese	1600	2000	145		177		321		191	
Nickel	30	310	20.800		14.600		24.600		21	
Potassium	~	~	941		704		913		4,630	
Selenium	3.9	180	1.820		2.290		9.370		1.170	
Silver	2	180	0.528	U	0.600	U	0.630	U	0.542	U
Sodium	~	~	887		649		1,300		691	
Thallium	~	~	1.060	U	1.200	U	1.260	U	1.080	U
Vanadium	~	~	32.900		23.100		27.800		38	
Zinc	109	10000	86.300		133		1,050		127	
Mercury by 7470/7471	mg/Kg	mg/Kg								
Dilution Factor										
Mercury	0.18	0.81	NT		NT		NT		NT	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Mercury	0.18	0.81	0.271		0.170		2.870		0.146	
Total Solids			%		%		%		%	
Dilution Factor			1		1		1		1	
% Solids	~	~	94.700		83.400		79.400		92.200	

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Compound			Result	Q	Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aroclor 1016	~	~	0.0176	U	0.0200	U	0.0210	U	0.0181	U
Aroclor 1221	~	~	0.0176	U	0.0200	U	0.0210	U	0.0181	U
Aroclor 1232	~	~	0.0176	U	0.0200	U	0.0210	U	0.0181	U
Aroclor 1242	~	~	0.0176	U	0.0200	U	0.0210	U	0.0181	U
Aroclor 1248	~	~	0.0176	U	0.0200	U	0.0210	U	0.0181	U
Aroclor 1254	~	~	0.0176	U	0.0200	U	0.0210	U	0.0181	U
Aroclor 1260	~	~	0.0176	U	0.0200	U	0.0210	U	0.0181	U
Total PCBs	0.1	1	0.0176	U	0.0200	U	0.0210	U	0.0181	U

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Compound			Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		100	
1,1,1,2-Tetrachloroethane	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
1,1,1-Trichloroethane	0.68	100	0.00330	U	0.00530	U	0.00370	U	0.00510	U
1,1,2,2-Tetrachloroethane	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
1,1,2-Trichloroethane	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
1,1-Dichloroethane	0.27	26	0.00330	U	0.00530	U	0.00370	U	0.00510	U
1,1-Dichloroethylene	0.33	100	0.00330	U	0.00530	U	0.00370	U	0.00510	U
1,2,3-Trichlorobenzene	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
1,2,3-Trichloropropane	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
1,2,4-Trichlorobenzene	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
1,2,4-Trimethylbenzene	3.6	52	0.00330	U	0.00530	U	0.0210		0.00510	U
1,2-Dibromo-3-chloropropane	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
1,2-Dibromoethane	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
1,2-Dichlorobenzene	1.1	100	0.00330	U	0.00530	U	0.00370	U	0.00510	U
1,2-Dichloroethane	0.02	3.1	0.00330	U	0.00530	U	0.00370	U	0.00510	U
1,2-Dichloropropane	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
1,3,5-Trimethylbenzene	8.4	52	0.00330	U	0.00530	U	0.0110		0.00510	U
1,3-Dichlorobenzene	2.4	49	0.00330	U	0.00530	U	0.00370	U	0.00510	U
1,4-Dichlorobenzene	1.8	13	0.00330	U	0.00530	U	0.00370	U	0.00510	U
1,4-Dioxane	0.1	13	0.0650	U	0.110		0.0750	U	0.100	U
2-Butanone	0.12	100	0.00460	J	0.00530	U	0.00390	J	0.0380	
2-Hexanone	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
4-Methyl-2-pentanone	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Acetone	0.05	100	0.0450		0.340		0.0440	B	1	U
Acrolein	~	~	0.00650	U	0.0110	U	0.00750	U	0.0100	U
Acrylonitrile	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Benzene	0.06	4.8	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Bromochloromethane	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Bromodichloromethane	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Bromoform	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Bromomethane	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Carbon disulfide	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Carbon tetrachloride	0.76	2.4	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Chlorobenzene	1.1	100	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Chloroethane	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Chloroform	0.37	49	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Chloromethane	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
cis-1,2-Dichloroethylene	0.25	100	0.00330	U	0.00530	U	0.00370	U	0.00510	U
cis-1,3-Dichloropropylene	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Cyclohexane	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Dibromochloromethane	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Dibromomethane	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Dichlorodifluoromethane	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U

Table 1. Soil Sample Analytical Results
Phase II Subsurface Investigation
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Sample ID	NYSDEC Part 375	NYSDEC Part 375	B-14 6-8 ft		B-14 14-16 ft		B-15 0-2 ft		B-15 6-8 ft	
Sampling Date	Unrestricted Use	Restricted Use	2/8/2017		2/8/2017		2/8/2017		2/8/2017	
Client Matrix	Soil Cleanup Objectives	Soil Cleanup Objectives - Restricted Residential	Soil		Soil		Soil		Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Ethyl Benzene	1	41	0.00330	U	0.00530	U	0.0330		0.00510	U
Hexachlorobutadiene	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Isopropylbenzene	~	~	0.00330	U	0.00530	U	0.0100		0.00510	U
Methyl acetate	~	~	0.00330	U	0.00530	U	0.00370	U	0.0870	
Methyl tert-butyl ether (MTBE)	0.93	100	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Methylcyclohexane	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Methylene chloride	0.05	100	0.00650	U	0.0110	U	0.00750	U	0.0100	U
n-Butylbenzene	12	100	0.00330	U	0.00530	U	0.00370	U	0.00510	U
n-Propylbenzene	3.9	100	0.00330	U	0.00530	U	0.00370	U	0.00510	U
o-Xylene	~	~	0.00330	U	0.00530	U	0.0120		0.00510	U
p- & m- Xylenes	~	~	0.00650	U	0.0110	U	0.0300		0.0100	U
p-Isopropyltoluene	~	~	0.00330	U	0.00530	U	0.00600	J	0.00510	U
sec-Butylbenzene	11	100	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Styrene	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
tert-Butyl alcohol (TBA)	~	~	0.00330	U	0.00530	J	0.00370	U	0.0210	
tert-Butylbenzene	5.9	100	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Tetrachloroethylene	1.3	19	0.00330	U	0.00530	U	0.0250		0.00510	U
Toluene	0.7	100	0.00330	U	0.00530	U	0.0160		0.00510	U
trans-1,2-Dichloroethylene	0.19	100	0.00330	U	0.00530	U	0.00370	U	0.00510	U
trans-1,3-Dichloropropylene	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Trichloroethylene	0.47	21	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Trichlorofluoromethane	~	~	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Vinyl Chloride	0.02	0.9	0.00330	U	0.00530	U	0.00370	U	0.00510	U
Xylenes, Total	0.26	100	0.00980	U	0.0160	U	0.0420		0.0150	U
Semi-Volatiles, 8270 Base/Neutrals	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		1		2	
1,2,4-Trichlorobenzene	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
1,2-Dichlorobenzene	1.1	100	0.0486	U	0.0525	U	0.0243	U	0.0589	U
1,3-Dichlorobenzene	2.4	49	0.0486	U	0.0525	U	0.0243	U	0.0589	U
1,4-Dichlorobenzene	1.8	13	0.0486	U	0.0525	U	0.0243	U	0.0589	U
2,4-Dinitrotoluene	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
2,6-Dinitrotoluene	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
2-Chloronaphthalene	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
2-Methylnaphthalene	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
3,3-Dichlorobenzidine	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
3-Nitroaniline	~	~	0.0970	U	0.105	U	0.0485	U	0.117	U
4-Bromophenyl phenyl ether	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
4-Chloroaniline	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
4-Chlorophenyl phenyl ether	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
4-Nitroaniline	~	~	0.0970	U	0.105	U	0.0485	U	0.117	U
Acenaphthene	20	100	0.0589	JD	0.0525	U	0.0243	U	0.0589	U
Acenaphthylene	100	100	0.0953	JD	0.0525	U	0.0243	U	0.391	D
Aniline	~	~	0.194	U	0.210	U	0.0971	U	0.235	U
Anthracene	100	100	0.246	D	0.0854	JD	0.0243	U	0.119	D
Benzo(a)anthracene	1	1	1.550	D	0.312	D	0.0243	U	0.591	D

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-14 6-8 ft 2/8/2017 Soil		B-14 14-16 ft 2/8/2017 Soil		B-15 0-2 ft 2/8/2017 Soil		B-15 6-8 ft 2/8/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Benzo(a)pyrene	1	1	0.391	D	0.180	D	0.0243	U	0.609	D
Benzo(b)fluoranthene	1	1	0.525	D	0.208	D	0.0243	U	0.360	D
Benzo(g,h,i)perylene	100	100	0.292	D	0.135	D	0.0243	U	0.506	D
Benzo(k)fluoranthene	0.8	3.9	0.513	D	0.192	D	0.0243	U	0.679	D
Benzyl butyl phthalate	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
Bis(2-chloroethoxy)methane	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
Bis(2-chloroethyl)ether	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
Bis(2-chloroisopropyl)ether	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
Bis(2-ethylhexyl)phthalate	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
Carbazole	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
Chrysene	1	3.9	1.440	D	0.307	D	0.0243	U	0.763	D
Dibenzo(a,h)anthracene	0.33	0.33	0.153	D	0.0525	U	0.0243	U	0.271	D
Dibenzofuran	7	59	0.0486	U	0.0525	U	0.0243	U	0.0589	U
Diethyl phthalate	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
Dimethyl phthalate	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
Di-n-butyl phthalate	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
Di-n-octyl phthalate	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
Fluoranthene	100	100	2	D	0.601	D	0.0243	U	0.525	D
Fluorene	30	100	0.0674	JD	0.0525	U	0.0243	U	0.0589	U
Hexachlorobenzene	0.33	1.2	0.0486	U	0.0525	U	0.0243	U	0.0589	U
Hexachlorobutadiene	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
Hexachlorocyclopentadiene	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
Hexachloroethane	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.333	D	0.0879	JD	0.0243	U	0.531	D
Isophorone	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
Naphthalene	12	100	0.0486	U	0.0525	U	0.0243	U	0.0589	U
Nitrobenzene	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
N-Nitrosodimethylamine	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
N-nitroso-di-n-propylamine	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
N-Nitrosodiphenylamine	~	~	0.0486	U	0.0525	U	0.0243	U	0.0589	U
Phenanthrene	100	100	0.985	D	0.373	D	0.0243	U	0.298	D
Pyrene	100	100	3	D	0.505	D	0.0243	U	0.677	D
Pyridine	~	~	0.194	U	0.210	U	0.0971	U	0.235	U
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5	
4,4'-DDD	0.0033	13	0.00192	U	0.00207	U	0.00192	U	0.00232	U
4,4'-DDE	0.0033	8.9	0.00192	U	0.00207	U	0.00192	U	0.00232	U
4,4'-DDT	0.0033	7.9	0.00192	U	0.00207	U	0.00192	U	0.00232	U
Aldrin	0.005	0.097	0.00192	U	0.00207	U	0.00192	U	0.00232	U
alpha-BHC	0.02	0.48	0.00192	U	0.00207	U	0.00192	U	0.00232	U
alpha-Chlordane	0.094	4.2	0.00192	U	0.00207	U	0.00192	U	0.00232	U
beta-BHC	0.036	0.36	0.00192	U	0.00207	U	0.00192	U	0.00232	U
Chlordane, total	~	~	0.0384	U	0.0414	U	0.0384	U	0.0465	U
delta-BHC	0.04	100	0.00192	U	0.00207	U	0.00192	U	0.00232	U
Dieldrin	0.005	0.2	0.00192	U	0.00207	U	0.00192	U	0.00232	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-14 6-8 ft 2/8/2017 Soil		B-14 14-16 ft 2/8/2017 Soil		B-15 0-2 ft 2/8/2017 Soil		B-15 6-8 ft 2/8/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Endosulfan I	2.4	24	0.00192	U	0.00207	U	0.00192	U	0.00232	U
Endosulfan II	2.4	24	0.00192	U	0.00207	U	0.00192	U	0.00232	U
Endosulfan sulfate	2.4	24	0.00192	U	0.00207	U	0.00192	U	0.00232	U
Endrin	0.014	11	0.00192	U	0.00207	U	0.00192	U	0.00232	U
Endrin aldehyde	~	~	0.00192	U	0.00207	U	0.00192	U	0.00232	U
Endrin ketone	~	~	0.00192	U	0.00207	U	0.00192	U	0.00232	U
gamma-BHC (Lindane)	0.1	1.3	0.00192	U	0.00207	U	0.00192	U	0.00232	U
gamma-Chlordane	~	~	0.00192	U	0.00207	U	0.00192	U	0.00232	U
Heptachlor	0.042	2.1	0.00192	U	0.00207	U	0.00192	U	0.00232	U
Heptachlor epoxide	~	~	0.00192	U	0.00207	U	0.00192	U	0.00232	U
Methoxychlor	~	~	0.00959	U	0.0104	U	0.00960	U	0.0116	U
Toxaphene	~	~	0.0971	U	0.105	U	0.0971	U	0.118	U
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aluminum	~	~	3,730		5,140		2,480		8,290	
Antimony	~	~	0.581	U	0.628	U	0.582	U	3.830	
Arsenic	13	16	1.160	U	1.260	U	4.580		10.100	
Barium	350	400	149		169		66.400		414	
Beryllium	7.2	72	0.116	U	0.289		0.248		0.666	
Cadmium	2.5	4.3	2.590		0.999		0.491		0.482	
Calcium	~	~	20,700		8,210		2,760		4,700	
Chromium	~	~	17.800		12.400		6.740		41.900	
Cobalt	~	~	10.400		8.090		5.630		11.900	
Copper	50	270	93.500		297		37.400		425	
Iron	~	~	1,740		NT		8,790		12,900	
Lead	63	400	517		829		108		915	
Magnesium	~	~	10,300	B	2,010	B	477	B	918	B
Manganese	1600	2000	649		423		77.100		246	
Nickel	30	310	23.300		16.100		13.400		27	
Potassium	~	~	555		1,120		335		1,010	
Selenium	3.9	180	30		15,400		1.670		2.210	
Silver	2	180	0.581	U	0.628	U	0.582	U	0.704	U
Sodium	~	~	293		554		358		904	
Thallium	~	~	3.240		1.260	U	1.160	U	1.410	U
Vanadium	~	~	17.600		17.100		13.500		30	
Zinc	109	10000	446		375		182		273	
Mercury by 7470/7471	mg/Kg	mg/Kg								
Dilution Factor										
Mercury	0.18	0.81	NT		NT		NT		NT	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Mercury	0.18	0.81	0.639		0.693		0.406		0.155	
Total Solids			%		%		%		%	
Dilution Factor			1		1		1		1	
% Solids	~	~	86		79.600		86		71	

Table 1. Soil Sample Analytical Results
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Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-14 6-8 ft 2/8/2017 Soil		B-14 14-16 ft 2/8/2017 Soil		B-15 0-2 ft 2/8/2017 Soil		B-15 6-8 ft 2/8/2017 Soil	
Client Matrix			Result	Q	Result	Q	Result	Q	Result	Q
Compound										
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aroclor 1016	~	~	0.0194	U	0.0209	U	0.0194	U	0.0235	U
Aroclor 1221	~	~	0.0194	U	0.0209	U	0.0194	U	0.0235	U
Aroclor 1232	~	~	0.0194	U	0.0209	U	0.0194	U	0.0235	U
Aroclor 1242	~	~	0.0194	U	0.0209	U	0.0194	U	0.0235	U
Aroclor 1248	~	~	0.0194	U	0.0209	U	0.0194	U	0.0235	U
Aroclor 1254	~	~	0.0194	U	0.0209	U	0.0194	U	0.0235	U
Aroclor 1260	~	~	0.0194	U	0.0209	U	0.0194	U	0.0235	U
Total PCBs	0.1	1	0.0194	U	0.0209	U	0.0194	U	0.0235	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-15 14-16 ft 2/8/2017 Soil		B-16 0-2 ft 2/8/2017 Soil		B-16 6-8 ft 2/8/2017 Soil		B-16 14-16 ft 2/8/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
1,1,1-Trichloroethane	0.68	100	0.00790	U	0.00350	U	0.00370	U	0.00230	U
1,1,2,2-Tetrachloroethane	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
1,1,2-Trichloroethane	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
1,1-Dichloroethane	0.27	26	0.00790	U	0.00350	U	0.00370	U	0.00230	U
1,1-Dichloroethylene	0.33	100	0.00790	U	0.00350	U	0.00370	U	0.00230	U
1,2,3-Trichlorobenzene	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
1,2,3-Trichloropropane	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
1,2,4-Trichlorobenzene	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
1,2,4-Trimethylbenzene	3.6	52	0.00790	U	0.00350	U	0.00370	U	0.00230	U
1,2-Dibromo-3-chloropropane	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
1,2-Dibromoethane	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
1,2-Dichlorobenzene	1.1	100	0.00790	U	0.00350	U	0.00370	U	0.00230	U
1,2-Dichloroethane	0.02	3.1	0.00790	U	0.00350	U	0.00370	U	0.00230	U
1,2-Dichloropropane	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
1,3,5-Trimethylbenzene	8.4	52	0.00790	U	0.00350	U	0.00370	U	0.00230	U
1,3-Dichlorobenzene	2.4	49	0.00790	U	0.00350	U	0.00370	U	0.00230	U
1,4-Dichlorobenzene	1.8	13	0.00790	U	0.00350	U	0.00370	U	0.00230	U
1,4-Dioxane	0.1	13	0.160	U	0.0700	U	0.0730	U	0.0450	U
2-Butanone	0.12	100	0.00790	U	0.00350	U	0.00370	U	0.00230	U
2-Hexanone	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
4-Methyl-2-pentanone	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Acetone	0.05	100	0.0160	U	0.180		0.0280		0.0810	
Acrolein	~	~	0.0160	U	0.00700	U	0.00730	U	0.00450	U
Acrylonitrile	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Benzene	0.06	4.8	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Bromochloromethane	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Bromodichloromethane	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Bromoform	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Bromomethane	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Carbon disulfide	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Carbon tetrachloride	0.76	2.4	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Chlorobenzene	1.1	100	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Chloroethane	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Chloroform	0.37	49	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Chloromethane	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
cis-1,2-Dichloroethylene	0.25	100	0.00790	U	0.00350	U	0.00370	U	0.00230	U
cis-1,3-Dichloropropylene	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Cyclohexane	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Dibromochloromethane	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Dibromomethane	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Dichlorodifluoromethane	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U

Table 1. Soil Sample Analytical Results
Phase II Subsurface Investigation
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Sample ID	NYSDEC Part 375	NYSDEC Part 375	B-15 14-16 ft		B-16 0-2 ft		B-16 6-8 ft		B-16 14-16 ft	
Sampling Date	Unrestricted Use	Restricted Use	2/8/2017		2/8/2017		2/8/2017		2/8/2017	
Client Matrix	Soil Cleanup Objectives	Soil Cleanup Objectives - Restricted Residential	Soil		Soil		Soil		Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Ethyl Benzene	1	41	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Hexachlorobutadiene	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Isopropylbenzene	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Methyl acetate	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Methylcyclohexane	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Methylene chloride	0.05	100	0.0160	U	0.00700	U	0.00730	U	0.00450	U
n-Butylbenzene	12	100	0.00790	U	0.00350	U	0.00370	U	0.00230	U
n-Propylbenzene	3.9	100	0.00790	U	0.00350	U	0.00370	U	0.00230	U
o-Xylene	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
p- & m- Xylenes	~	~	0.0160	U	0.00700	U	0.00730	U	0.00450	U
p-Isopropyltoluene	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
sec-Butylbenzene	11	100	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Styrene	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
tert-Butyl alcohol (TBA)	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
tert-Butylbenzene	5.9	100	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Tetrachloroethylene	1.3	19	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Toluene	0.7	100	0.00790	U	0.00350	U	0.00370	U	0.00230	U
trans-1,2-Dichloroethylene	0.19	100	0.00790	U	0.00350	U	0.00370	U	0.00230	U
trans-1,3-Dichloropropylene	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Trichloroethylene	0.47	21	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Trichlorofluoromethane	~	~	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Vinyl Chloride	0.02	0.9	0.00790	U	0.00350	U	0.00370	U	0.00230	U
Xylenes, Total	0.26	100	0.0240	U	0.0100	U	0.0110	U	0.00680	U
Semi-Volatiles, 8270 Base/Neutrals	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		1		1		2	
1,2,4-Trichlorobenzene	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
1,2-Dichlorobenzene	1.1	100	0.0535	U	0.0237	U	0.0259	U	0.0456	U
1,3-Dichlorobenzene	2.4	49	0.0535	U	0.0237	U	0.0259	U	0.0456	U
1,4-Dichlorobenzene	1.8	13	0.0535	U	0.0237	U	0.0259	U	0.0456	U
2,4-Dinitrotoluene	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
2,6-Dinitrotoluene	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
2-Chloronaphthalene	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
2-Methylnaphthalene	~	~	3.890	D	0.0237	U	0.0259	U	0.0456	U
3,3-Dichlorobenzidine	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
3-Nitroaniline	~	~	0.107	U	0.0473	U	0.0517	U	0.0909	U
4-Bromophenyl phenyl ether	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
4-Chloroaniline	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
4-Chlorophenyl phenyl ether	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
4-Nitroaniline	~	~	0.107	U	0.0473	U	0.0517	U	0.0909	U
Acenaphthene	20	100	8.240	D	0.0237	U	0.0259	U	0.0456	U
Acenaphthylene	100	100	0.220	D	0.0237	U	0.0259	U	0.0456	U
Aniline	~	~	0.214	U	0.0946	U	0.103	U	0.182	U
Anthracene	100	100	20.200	D	0.0237	U	0.0259	U	0.0456	U
Benzo(a)anthracene	1	1	27.100	D	0.0237	U	0.0259	U	0.0456	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-15 14-16 ft 2/8/2017 Soil		B-16 0-2 ft 2/8/2017 Soil		B-16 6-8 ft 2/8/2017 Soil		B-16 14-16 ft 2/8/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Benzo(a)pyrene	1	1	4.930	D	0.0237	U	0.0259	U	0.0456	U
Benzo(b)fluoranthene	1	1	6.470	D	0.0237	U	0.0259	U	0.0456	U
Benzo(g,h,i)perylene	100	100	4.220	D	0.0237	U	0.0259	U	0.0456	U
Benzo(k)fluoranthene	0.8	3.9	5.920	D	0.0237	U	0.0259	U	0.0456	U
Benzyl butyl phthalate	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
Bis(2-chloroethoxy)methane	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
Bis(2-chloroethyl)ether	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
Bis(2-chloroisopropyl)ether	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
Bis(2-ethylhexyl)phthalate	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
Carbazole	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
Chrysene	1	3.9	18.300	D	0.0237	U	0.0259	U	0.0456	U
Dibenzo(a,h)anthracene	0.33	0.33	2.340	D	0.0237	U	0.0259	U	0.0456	U
Dibenzofuran	7	59	5.830	D	0.0237	U	0.0259	U	0.0456	U
Diethyl phthalate	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
Dimethyl phthalate	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
Di-n-butyl phthalate	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
Di-n-octyl phthalate	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
Fluoranthene	100	100	28.700	D	0.0237	U	0.0259	U	0.0456	U
Fluorene	30	100	8.830	D	0.0237	U	0.0259	U	0.0456	U
Hexachlorobenzene	0.33	1.2	0.0535	U	0.0237	U	0.0259	U	0.0456	U
Hexachlorobutadiene	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
Hexachlorocyclopentadiene	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
Hexachloroethane	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	3.910	D	0.0237	U	0.0259	U	0.0456	U
Isophorone	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
Naphthalene	12	100	7.370	D	0.0237	U	0.0259	U	0.0456	U
Nitrobenzene	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
N-Nitrosodimethylamine	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
N-nitroso-di-n-propylamine	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
N-Nitrosodiphenylamine	~	~	0.0535	U	0.0237	U	0.0259	U	0.0456	U
Phenanthrene	100	100	38.800	D	0.0237	U	0.0259	U	0.0456	U
Pyrene	100	100	35.400	D	0.0237	U	0.0259	U	0.0456	U
Pyridine	~	~	0.214	U	0.0946	U	0.103	U	0.182	U
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5	
4,4'-DDD	0.0033	13	0.00211	U	0.00187	U	0.00204	U	0.00180	U
4,4'-DDE	0.0033	8.9	0.00211	U	0.00187	U	0.00204	U	0.00180	U
4,4'-DDT	0.0033	7.9	0.00211	U	0.00187	U	0.00204	U	0.00180	U
Aldrin	0.005	0.097	0.00211	U	0.00187	U	0.00204	U	0.00180	U
alpha-BHC	0.02	0.48	0.00211	U	0.00187	U	0.00204	U	0.00180	U
alpha-Chlordane	0.094	4.2	0.00211	U	0.00187	U	0.00204	U	0.00180	U
beta-BHC	0.036	0.36	0.00211	U	0.00187	U	0.00204	U	0.00180	U
Chlordane, total	~	~	0.0422	U	0.0374	U	0.0409	U	0.0360	U
delta-BHC	0.04	100	0.00211	U	0.00187	U	0.00204	U	0.00180	U
Dieldrin	0.005	0.2	0.00211	U	0.00187	U	0.00204	U	0.00180	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-15 14-16 ft 2/8/2017 Soil		B-16 0-2 ft 2/8/2017 Soil		B-16 6-8 ft 2/8/2017 Soil		B-16 14-16 ft 2/8/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Endosulfan I	2.4	24	0.00211	U	0.00187	U	0.00204	U	0.00180	U
Endosulfan II	2.4	24	0.00211	U	0.00187	U	0.00204	U	0.00180	U
Endosulfan sulfate	2.4	24	0.00211	U	0.00187	U	0.00204	U	0.00180	U
Endrin	0.014	11	0.00211	U	0.00187	U	0.00204	U	0.00180	U
Endrin aldehyde	~	~	0.00211	U	0.00187	U	0.00204	U	0.00180	U
Endrin ketone	~	~	0.00211	U	0.00187	U	0.00204	U	0.00180	U
gamma-BHC (Lindane)	0.1	1.3	0.00211	U	0.00187	U	0.00204	U	0.00180	U
gamma-Chlordane	~	~	0.00211	U	0.00187	U	0.00204	U	0.00180	U
Heptachlor	0.042	2.1	0.00211	U	0.00187	U	0.00204	U	0.00180	U
Heptachlor epoxide	~	~	0.00211	U	0.00187	U	0.00204	U	0.00180	U
Methoxychlor	~	~	0.0106	U	0.00935	U	0.0102	U	0.00900	U
Toxaphene	~	~	0.107	U	0.0946	U	0.103	U	0.0911	U
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aluminum	~	~	4,180		6,310		3,610		14,000	
Antimony	~	~	0.639	U	0.567	U	0.619	U	0.545	U
Arsenic	13	16	6.050		2.730		5.650		1.090	U
Barium	350	400	169		88		127		147	
Beryllium	7.2	72	0.249		0.113	U	0.568		0.109	U
Cadmium	2.5	4.3	0.931		0.593		0.372	U	0.327	U
Calcium	~	~	9,510		13,100		2,900		3,210	
Chromium	~	~	17.100		8.680		6.850		27.400	
Cobalt	~	~	10.200		8.540		7		17.500	
Copper	50	270	690		64.400		28.900		24.100	
Iron	~	~	22,100		14,200		4,890		23,000	
Lead	63	400	333		130		75.200		32.800	
Magnesium	~	~	2,350	B	6,410	B	361	B	5,890	B
Manganese	1600	2000	156		161		103		293	
Nickel	30	310	20.500		15.600		15.400		28.400	
Potassium	~	~	823		1,210		440		6,610	
Selenium	3.9	180	4.800		1.430		1.290		2.900	
Silver	2	180	0.639	U	0.567	U	0.619	U	0.545	U
Sodium	~	~	564		528		428		232	
Thallium	~	~	1.280	U	1.130	U	1.240	U	1.090	U
Vanadium	~	~	20.500		33		15.100		37.800	
Zinc	109	10000	465		142		57.400		66.100	
Mercury by 7470/7471	mg/Kg	mg/Kg								
Dilution Factor										
Mercury	0.18	0.81	NT		NT		NT		NT	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Mercury	0.18	0.81	0.498		0.396		0.0859		0.349	
Total Solids			%		%		%		%	
Dilution Factor			1		1		1		1	
% Solids	~	~	78.200		88.200		80.700		91.700	

Table 1. Soil Sample Analytical Results
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Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-15 14-16 ft 2/8/2017 Soil		B-16 0-2 ft 2/8/2017 Soil		B-16 6-8 ft 2/8/2017 Soil		B-16 14-16 ft 2/8/2017 Soil	
Client Matrix			Result	Q	Result	Q	Result	Q	Result	Q
Compound										
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aroclor 1016	~	~	0.0213	U	0.0189	U	0.0206	U	0.0182	U
Aroclor 1221	~	~	0.0213	U	0.0189	U	0.0206	U	0.0182	U
Aroclor 1232	~	~	0.0213	U	0.0189	U	0.0206	U	0.0182	U
Aroclor 1242	~	~	0.0213	U	0.0189	U	0.0206	U	0.0182	U
Aroclor 1248	~	~	0.0213	U	0.0189	U	0.0206	U	0.0182	U
Aroclor 1254	~	~	0.0213	U	0.0189	U	0.0206	U	0.0182	U
Aroclor 1260	~	~	0.0213	U	0.0189	U	0.0206	U	0.0182	U
Total PCBs	0.1	1	0.0213	U	0.0189	U	0.0206	U	0.0182	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-17 0-2 ft 2/8/2017 Soil		B-17 6-8 ft 2/8/2017 Soil		B-17 14-16 ft 2/8/2017 Soil		B-18 0-2 ft 2/8/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
1,1,1-Trichloroethane	0.68	100	0.00330	U	0.00450	U	0.00510	U	0.00310	U
1,1,2,2-Tetrachloroethane	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
1,1,2-Trichloroethane	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
1,1-Dichloroethane	0.27	26	0.00330	U	0.00450	U	0.00510	U	0.00310	U
1,1-Dichloroethylene	0.33	100	0.00330	U	0.00450	U	0.00510	U	0.00310	U
1,2,3-Trichlorobenzene	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
1,2,3-Trichloropropane	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
1,2,4-Trichlorobenzene	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
1,2,4-Trimethylbenzene	3.6	52	0.00330	U	0.00450	U	0.00510	U	0.00310	U
1,2-Dibromo-3-chloropropane	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
1,2-Dibromoethane	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
1,2-Dichlorobenzene	1.1	100	0.00330	U	0.00450	U	0.00510	U	0.00310	U
1,2-Dichloroethane	0.02	3.1	0.00330	U	0.00450	U	0.00510	U	0.00310	U
1,2-Dichloropropane	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
1,3,5-Trimethylbenzene	8.4	52	0.00330	U	0.00450	U	0.00510	U	0.00310	U
1,3-Dichlorobenzene	2.4	49	0.00330	U	0.00450	U	0.00510	U	0.00310	U
1,4-Dichlorobenzene	1.8	13	0.00330	U	0.00450	U	0.00510	U	0.00310	U
1,4-Dioxane	0.1	13	0.0670	U	0.0900	U	0.100	U	0.0620	U
2-Butanone	0.12	100	0.00330	U	0.00450	U	0.00510	U	0.00310	U
2-Hexanone	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
4-Methyl-2-pentanone	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Acetone	0.05	100	0.0310		0.280		0.320		0.0380	
Acrolein	~	~	0.00670	U	0.00900	U	0.0100	U	0.00620	U
Acrylonitrile	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Benzene	0.06	4.8	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Bromochloromethane	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Bromodichloromethane	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Bromoform	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Bromomethane	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Carbon disulfide	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Carbon tetrachloride	0.76	2.4	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Chlorobenzene	1.1	100	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Chloroethane	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Chloroform	0.37	49	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Chloromethane	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
cis-1,2-Dichloroethylene	0.25	100	0.00330	U	0.00450	U	0.00510	U	0.00310	U
cis-1,3-Dichloropropylene	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Cyclohexane	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Dibromochloromethane	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Dibromomethane	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Dichlorodifluoromethane	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U

Table 1. Soil Sample Analytical Results
Phase II Subsurface Investigation
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Sample ID	NYSDEC Part 375	NYSDEC Part 375	B-17 0-2 ft		B-17 6-8 ft		B-17 14-16 ft		B-18 0-2 ft	
Sampling Date	Unrestricted Use	Restricted Use	2/8/2017		2/8/2017		2/8/2017		2/8/2017	
Client Matrix	Soil Cleanup Objectives	Soil Cleanup Objectives - Restricted Residential	Soil		Soil		Soil		Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Ethyl Benzene	1	41	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Hexachlorobutadiene	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Isopropylbenzene	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Methyl acetate	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Methylcyclohexane	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Methylene chloride	0.05	100	0.00670	U	0.00900	U	0.0100	U	0.00620	U
n-Butylbenzene	12	100	0.00330	U	0.00450	U	0.00510	U	0.00310	U
n-Propylbenzene	3.9	100	0.00330	U	0.00450	U	0.00510	U	0.00310	U
o-Xylene	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
p- & m- Xylenes	~	~	0.00670	U	0.00900	U	0.0100	U	0.00620	U
p-Isopropyltoluene	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
sec-Butylbenzene	11	100	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Styrene	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
tert-Butyl alcohol (TBA)	~	~	0.00330	U	0.00900	U	0.0100	U	0.00620	U
tert-Butylbenzene	5.9	100	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Tetrachloroethylene	1.3	19	0.00330	U	0.00450	U	0.00510	U	0.0740	
Toluene	0.7	100	0.00330	U	0.00450	U	0.00510	U	0.00310	U
trans-1,2-Dichloroethylene	0.19	100	0.00330	U	0.00450	U	0.00510	U	0.00310	U
trans-1,3-Dichloropropylene	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Trichloroethylene	0.47	21	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Trichlorofluoromethane	~	~	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Vinyl Chloride	0.02	0.9	0.00330	U	0.00450	U	0.00510	U	0.00310	U
Xylenes, Total	0.26	100	0.0100	U	0.0140	U	0.0150	U	0.00930	U
Semi-Volatiles, 8270 Base/Neutrals	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2		1	
1,2,4-Trichlorobenzene	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
1,2-Dichlorobenzene	1.1	100	0.0483	U	0.0567	U	0.0500	U	0.0233	U
1,3-Dichlorobenzene	2.4	49	0.0483	U	0.0567	U	0.0500	U	0.0233	U
1,4-Dichlorobenzene	1.8	13	0.0483	U	0.0567	U	0.0500	U	0.0233	U
2,4-Dinitrotoluene	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
2,6-Dinitrotoluene	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
2-Chloronaphthalene	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
2-Methylnaphthalene	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
3,3-Dichlorobenzidine	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
3-Nitroaniline	~	~	0.0964	U	0.113	U	0.0999	U	0.0465	U
4-Bromophenyl phenyl ether	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
4-Chloroaniline	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
4-Chlorophenyl phenyl ether	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
4-Nitroaniline	~	~	0.0964	U	0.113	U	0.0999	U	0.0465	U
Acenaphthene	20	100	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Acenaphthylene	100	100	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Aniline	~	~	0.193	U	0.227	U	0.200	U	0.0931	U
Anthracene	100	100	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Benzo(a)anthracene	1	1	0.0624	JD	0.133	D	0.122	D	0.0233	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-17 0-2 ft 2/8/2017 Soil		B-17 6-8 ft 2/8/2017 Soil		B-17 14-16 ft 2/8/2017 Soil		B-18 0-2 ft 2/8/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Benzo(a)pyrene	1	1	0.0483	U	0.105	JD	0.116	D	0.0233	U
Benzo(b)fluoranthene	1	1	0.0483	U	0.0567	U	0.0774	JD	0.0233	U
Benzo(g,h,i)perylene	100	100	0.0670	JD	0.0567	U	0.109	D	0.0233	U
Benzo(k)fluoranthene	0.8	3.9	0.0562	JD	0.118	D	0.132	D	0.0233	U
Benzyl butyl phthalate	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Bis(2-chloroethoxy)methane	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Bis(2-chloroethyl)ether	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Bis(2-chloroisopropyl)ether	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Bis(2-ethylhexyl)phthalate	~	~	0.0994	D	0.0567	U	0.0500	U	0.0233	U
Carbazole	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Chrysene	1	3.9	0.0732	JD	0.144	D	0.143	D	0.0233	U
Dibenzo(a,h)anthracene	0.33	0.33	0.0483	U	0.0567	U	0.0511	JD	0.0233	U
Dibenzofuran	7	59	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Diethyl phthalate	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Dimethyl phthalate	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Di-n-butyl phthalate	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Di-n-octyl phthalate	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Fluoranthene	100	100	0.0932	JD	0.257	D	0.172	D	0.0233	U
Fluorene	30	100	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Hexachlorobenzene	0.33	1.2	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Hexachlorobutadiene	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Hexachlorocyclopentadiene	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Hexachloroethane	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0483	U	0.0567	U	0.0942	JD	0.0233	U
Isophorone	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Naphthalene	12	100	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Nitrobenzene	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
N-Nitrosodimethylamine	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
N-nitroso-di-n-propylamine	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
N-Nitrosodiphenylamine	~	~	0.0483	U	0.0567	U	0.0500	U	0.0233	U
Phenanthrene	100	100	0.0483	U	0.161	D	0.0918	JD	0.0233	U
Pyrene	100	100	0.0870	JD	0.229	D	0.152	D	0.0233	U
Pyridine	~	~	0.193	U	0.227	U	0.200	U	0.0931	U
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5	
4,4'-DDD	0.0033	13	0.00191	U	0.00224	U	0.00198	U	0.00184	U
4,4'-DDE	0.0033	8.9	0.00191	U	0.00224	U	0.00198	U	0.00184	U
4,4'-DDT	0.0033	7.9	0.00191	U	0.00224	U	0.00198	U	0.00184	U
Aldrin	0.005	0.097	0.00191	U	0.00224	U	0.00198	U	0.00184	U
alpha-BHC	0.02	0.48	0.00191	U	0.00224	U	0.00198	U	0.00184	U
alpha-Chlordane	0.094	4.2	0.00191	U	0.00224	U	0.00198	U	0.00184	U
beta-BHC	0.036	0.36	0.00191	U	0.00224	U	0.00198	U	0.00184	U
Chlordane, total	~	~	0.0381	U	0.0448	U	0.0395	U	0.0368	U
delta-BHC	0.04	100	0.00191	U	0.00224	U	0.00198	U	0.00184	U
Dieldrin	0.005	0.2	0.00191	U	0.00224	U	0.00198	U	0.00184	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-17 0-2 ft 2/8/2017 Soil		B-17 6-8 ft 2/8/2017 Soil		B-17 14-16 ft 2/8/2017 Soil		B-18 0-2 ft 2/8/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Endosulfan I	2.4	24	0.00191	U	0.00224	U	0.00198	U	0.00184	U
Endosulfan II	2.4	24	0.00191	U	0.00224	U	0.00198	U	0.00184	U
Endosulfan sulfate	2.4	24	0.00191	U	0.00224	U	0.00198	U	0.00184	U
Endrin	0.014	11	0.00191	U	0.00224	U	0.00198	U	0.00184	U
Endrin aldehyde	~	~	0.00191	U	0.00224	U	0.00198	U	0.00184	U
Endrin ketone	~	~	0.00191	U	0.00224	U	0.00198	U	0.00184	U
gamma-BHC (Lindane)	0.1	1.3	0.00191	U	0.00224	U	0.00198	U	0.00184	U
gamma-Chlordane	~	~	0.00191	U	0.00224	U	0.00198	U	0.00184	U
Heptachlor	0.042	2.1	0.00191	U	0.00224	U	0.00198	U	0.00184	U
Heptachlor epoxide	~	~	0.00191	U	0.00224	U	0.00198	U	0.00184	U
Methoxychlor	~	~	0.00953	U	0.0112	U	0.00988	U	0.00920	U
Toxaphene	~	~	0.0965	U	0.113	U	0.100	U	0.0931	U
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aluminum	~	~	5,520		5,650		3,450		5,990	
Antimony	~	~	0.578	U	0.678	U	0.599	U	0.557	U
Arsenic	13	16	2.010		6.250		1.200	U	2.490	
Barium	350	400	25.700		376		84.900		93	
Beryllium	7.2	72	0.116	U	0.525		0.289		0.111	U
Cadmium	2.5	4.3	0.347	U	0.407	U	0.465		0.703	
Calcium	~	~	51,200		3,840		3,120		45,100	
Chromium	~	~	16.700		13.700		10.500		13.900	
Cobalt	~	~	4.960		6.830		6.040		5.550	
Copper	50	270	44.900		50.300		35.400		30.500	
Iron	~	~	9,050		6,380		39,400		11,700	
Lead	63	400	9.690		340		1,660		149	
Magnesium	~	~	2,660	B	690	B	592	B	12,400	B
Manganese	1600	2000	129		98.300		188		178	
Nickel	30	310	11.300		18.500		13.500		15.700	
Potassium	~	~	554		681		498		1,530	
Selenium	3.9	180	1.160	U	1.360	U	7.490		1.440	
Silver	2	180	0.578	U	0.678	U	0.599	U	0.557	U
Sodium	~	~	421		882		552		724	
Thallium	~	~	1.160	U	1.360	U	1.200	U	1.110	U
Vanadium	~	~	22.800		19.600		17.700		29.200	
Zinc	109	10000	35.300		143		111		119	
Mercury by 7470/7471	mg/Kg	mg/Kg								
Dilution Factor										
Mercury	0.18	0.81	NT		NT		NT		NT	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Mercury	0.18	0.81	0.124		0.163		0.127		0.683	
Total Solids			%		%		%		%	
Dilution Factor			1		1		1		1	
% Solids	~	~	86.500		73.700		83.500		89.700	

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-17 0-2 ft 2/8/2017 Soil		B-17 6-8 ft 2/8/2017 Soil		B-17 14-16 ft 2/8/2017 Soil		B-18 0-2 ft 2/8/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aroclor 1016	~	~	0.0192	U	0.0226	U	0.0199	U	0.0186	U
Aroclor 1221	~	~	0.0192	U	0.0226	U	0.0199	U	0.0186	U
Aroclor 1232	~	~	0.0192	U	0.0226	U	0.0199	U	0.0186	U
Aroclor 1242	~	~	0.0192	U	0.0226	U	0.0199	U	0.0186	U
Aroclor 1248	~	~	0.0192	U	0.0226	U	0.0199	U	0.0186	U
Aroclor 1254	~	~	0.0192	U	0.0226	U	0.0199	U	0.0186	U
Aroclor 1260	~	~	0.0192	U	0.0226	U	0.0199	U	0.0186	U
Total PCBs	0.1	1	0.0192	U	0.0226	U	0.0199	U	0.0186	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-18 6-8 ft 2/8/2017 Soil		B-18 14-16 ft 2/8/2017 Soil		B-19 0-2 ft 2/8/2017 Soil		B-19 6-8 ft 2/8/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		100		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
1,1,1-Trichloroethane	0.68	100	0.0240	U	0.00480	U	0.00420	U	0.00630	U
1,1,2,2-Tetrachloroethane	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
1,1,2-Trichloroethane	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
1,1-Dichloroethane	0.27	26	0.0240	U	0.00480	U	0.00420	U	0.00630	U
1,1-Dichloroethylene	0.33	100	0.0240	U	0.00480	U	0.00420	U	0.00630	U
1,2,3-Trichlorobenzene	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
1,2,3-Trichloropropane	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
1,2,4-Trichlorobenzene	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
1,2,4-Trimethylbenzene	3.6	52	0.0240	U	0.00480	U	0.00420	U	0.00630	U
1,2-Dibromo-3-chloropropane	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
1,2-Dibromoethane	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
1,2-Dichlorobenzene	1.1	100	0.0240	U	0.00480	U	0.00420	U	0.00630	U
1,2-Dichloroethane	0.02	3.1	0.0240	U	0.00480	U	0.00420	U	0.00630	U
1,2-Dichloropropane	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
1,3,5-Trimethylbenzene	8.4	52	0.0240	U	0.00480	U	0.00420	U	0.00630	U
1,3-Dichlorobenzene	2.4	49	0.0240	U	0.00480	U	0.00420	U	0.00630	U
1,4-Dichlorobenzene	1.8	13	0.0240	U	0.00480	U	0.00420	U	0.00630	U
1,4-Dioxane	0.1	13	0.480	U	0.0950	U	0.0840	U	0.130	U
2-Butanone	0.12	100	0.0240	U	0.00590	J	0.00420	U	0.00630	U
2-Hexanone	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
4-Methyl-2-pentanone	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Acetone	0.05	100	0.830	U	0.950	U	0.250	U	0.0580	U
Acrolein	~	~	0.0480	U	0.00950	U	0.00840	U	0.0130	U
Acrylonitrile	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Benzene	0.06	4.8	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Bromochloromethane	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Bromodichloromethane	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Bromoform	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Bromomethane	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Carbon disulfide	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Carbon tetrachloride	0.76	2.4	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Chlorobenzene	1.1	100	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Chloroethane	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Chloroform	0.37	49	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Chloromethane	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
cis-1,2-Dichloroethylene	0.25	100	0.0240	U	0.00480	U	0.00420	U	0.00630	U
cis-1,3-Dichloropropylene	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Cyclohexane	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Dibromochloromethane	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Dibromomethane	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Dichlorodifluoromethane	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U

Table 1. Soil Sample Analytical Results
Phase II Subsurface Investigation
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Sample ID	NYSDEC Part 375	NYSDEC Part 375	B-18 6-8 ft		B-18 14-16 ft		B-19 0-2 ft		B-19 6-8 ft	
Sampling Date	Unrestricted Use	Restricted Use	2/8/2017		2/8/2017		2/8/2017		2/8/2017	
Client Matrix	Soil Cleanup Objectives	Soil Cleanup Objectives - Restricted Residential	Soil		Soil		Soil		Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Ethyl Benzene	1	41	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Hexachlorobutadiene	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Isopropylbenzene	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Methyl acetate	~	~	0.0240	U	0.00620	J	0.00420	U	0.00630	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Methylcyclohexane	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Methylene chloride	0.05	100	0.0480	U	0.00950	U	0.00840	U	0.0130	U
n-Butylbenzene	12	100	0.0240	U	0.00480	U	0.00420	U	0.00630	U
n-Propylbenzene	3.9	100	0.0240	U	0.00480	U	0.00420	U	0.00630	U
o-Xylene	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
p- & m- Xylenes	~	~	0.0480	U	0.00950	U	0.00840	U	0.0130	U
p-Isopropyltoluene	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
sec-Butylbenzene	11	100	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Styrene	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
tert-Butyl alcohol (TBA)	~	~	0.0480	U	0.00950	U	0.00840	U	0.0130	U
tert-Butylbenzene	5.9	100	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Tetrachloroethylene	1.3	19	0.0390	J	0.00480	U	0.00420	U	0.00630	U
Toluene	0.7	100	0.0240	U	0.00480	U	0.00420	U	0.00630	U
trans-1,2-Dichloroethylene	0.19	100	0.0240	U	0.00480	U	0.00420	U	0.00630	U
trans-1,3-Dichloropropylene	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Trichloroethylene	0.47	21	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Trichlorofluoromethane	~	~	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Vinyl Chloride	0.02	0.9	0.0240	U	0.00480	U	0.00420	U	0.00630	U
Xylenes, Total	0.26	100	0.0720	U	0.0140	U	0.0130	U	0.0190	U
Semi-Volatiles, 8270 Base/Neutrals	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		2		2	
1,2,4-Trichlorobenzene	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
1,2-Dichlorobenzene	1.1	100	0.0501	U	0.0554	U	0.0528	U	0.0587	U
1,3-Dichlorobenzene	2.4	49	0.0501	U	0.0554	U	0.0528	U	0.0587	U
1,4-Dichlorobenzene	1.8	13	0.0501	U	0.0554	U	0.0528	U	0.0587	U
2,4-Dinitrotoluene	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
2,6-Dinitrotoluene	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
2-Chloronaphthalene	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
2-Methylnaphthalene	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
3,3-Dichlorobenzidine	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
3-Nitroaniline	~	~	0.0999	U	0.111	U	0.105	U	0.117	U
4-Bromophenyl phenyl ether	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
4-Chloroaniline	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
4-Chlorophenyl phenyl ether	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
4-Nitroaniline	~	~	0.0999	U	0.111	U	0.105	U	0.117	U
Acenaphthene	20	100	0.0501	U	0.0554	U	0.0528	U	0.0587	U
Acenaphthylene	100	100	0.0501	U	0.613	D	0.0528	U	0.0587	U
Aniline	~	~	0.200	U	0.221	U	0.211	U	0.235	U
Anthracene	100	100	0.0501	U	0.232	D	0.0528	U	0.0587	U
Benzo(a)anthracene	1	1	0.0501	U	0.900	D	0.0528	U	0.172	D

Table 1. Soil Sample Analytical Results
Phase II Subsurface Investigation
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-18 6-8 ft 2/8/2017 Soil		B-18 14-16 ft 2/8/2017 Soil		B-19 0-2 ft 2/8/2017 Soil		B-19 6-8 ft 2/8/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Benzo(a)pyrene	1	1	0.0501	U	0.374	D	0.0528	U	0.0909	JD
Benzo(b)fluoranthene	1	1	0.0501	U	0.644	D	0.0528	U	0.129	D
Benzo(g,h,i)perylene	100	100	0.0501	U	0.842	D	0.0528	U	0.0665	JD
Benzo(k)fluoranthene	0.8	3.9	0.0501	U	0.486	D	0.0528	U	0.142	D
Benzyl butyl phthalate	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
Bis(2-chloroethoxy)methane	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
Bis(2-chloroethyl)ether	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
Bis(2-chloroisopropyl)ether	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
Bis(2-ethylhexyl)phthalate	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
Carbazole	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
Chrysene	1	3.9	0.0501	U	1.150	D	0.0528	U	0.188	D
Dibenzo(a,h)anthracene	0.33	0.33	0.0501	U	0.554	D	0.0528	U	0.0587	U
Dibenzofuran	7	59	0.0501	U	0.0554	U	0.0528	U	0.0587	U
Diethyl phthalate	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
Dimethyl phthalate	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
Di-n-butyl phthalate	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
Di-n-octyl phthalate	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
Fluoranthene	100	100	0.0501	U	1.330	D	0.0528	U	0.289	D
Fluorene	30	100	0.0501	U	0.0554	U	0.0528	U	0.0587	U
Hexachlorobenzene	0.33	1.2	0.0501	U	0.0554	U	0.0528	U	0.0587	U
Hexachlorobutadiene	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
Hexachlorocyclopentadiene	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
Hexachloroethane	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0501	U	0.785	D	0.0528	U	0.0665	JD
Isophorone	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
Naphthalene	12	100	0.0501	U	0.0554	U	0.0528	U	0.0587	U
Nitrobenzene	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
N-Nitrosodimethylamine	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
N-nitroso-di-n-propylamine	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
N-Nitrosodiphenylamine	~	~	0.0501	U	0.0554	U	0.0528	U	0.0587	U
Phenanthrene	100	100	0.0501	U	0.340	D	0.0528	U	0.106	JD
Pyrene	100	100	0.0501	U	1.250	D	0.0528	U	0.301	D
Pyridine	~	~	0.200	U	0.221	U	0.211	U	0.235	U
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5	
4,4'-DDD	0.0033	13	0.00198	U	0.00219	U	0.00208	U	0.00232	U
4,4'-DDE	0.0033	8.9	0.00198	U	0.00219	U	0.00208	U	0.00232	U
4,4'-DDT	0.0033	7.9	0.00198	U	0.00219	U	0.00208	U	0.00232	U
Aldrin	0.005	0.097	0.00198	U	0.00219	U	0.00208	U	0.00232	U
alpha-BHC	0.02	0.48	0.00198	U	0.00219	U	0.00208	U	0.00232	U
alpha-Chlordane	0.094	4.2	0.00198	U	0.00219	U	0.00208	U	0.00232	U
beta-BHC	0.036	0.36	0.00198	U	0.00219	U	0.00208	U	0.00232	U
Chlordane, total	~	~	0.0395	U	0.0437	U	0.0417	U	0.0464	U
delta-BHC	0.04	100	0.00198	U	0.00219	U	0.00208	U	0.00232	U
Dieldrin	0.005	0.2	0.00198	U	0.00219	U	0.00208	U	0.00232	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-18 6-8 ft 2/8/2017 Soil		B-18 14-16 ft 2/8/2017 Soil		B-19 0-2 ft 2/8/2017 Soil		B-19 6-8 ft 2/8/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Endosulfan I	2.4	24	0.00198	U	0.00219	U	0.00208	U	0.00232	U
Endosulfan II	2.4	24	0.00198	U	0.00219	U	0.00208	U	0.00232	U
Endosulfan sulfate	2.4	24	0.00198	U	0.00219	U	0.00208	U	0.00232	U
Endrin	0.014	11	0.00198	U	0.00219	U	0.00208	U	0.00232	U
Endrin aldehyde	~	~	0.00198	U	0.00219	U	0.00208	U	0.00232	U
Endrin ketone	~	~	0.00198	U	0.00219	U	0.00208	U	0.00232	U
gamma-BHC (Lindane)	0.1	1.3	0.00198	U	0.00219	U	0.00208	U	0.00232	U
gamma-Chlordane	~	~	0.00198	U	0.00219	U	0.00208	U	0.00232	U
Heptachlor	0.042	2.1	0.00198	U	0.00219	U	0.00208	U	0.00232	U
Heptachlor epoxide	~	~	0.00198	U	0.00219	U	0.00208	U	0.00232	U
Methoxychlor	~	~	0.00988	U	0.0109	U	0.0104	U	0.0116	U
Toxaphene	~	~	0.100	U	0.111	U	0.105	U	0.117	U
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aluminum	~	~	3,400		4,690		4,360		15,700	
Antimony	~	~	0.599	U	0.663	U	0.631	U	60.700	
Arsenic	13	16	6.150		5.550		4.030		117	
Barium	350	400	145		139		111		2,040	
Beryllium	7.2	72	0.442		0.597		0.430		0.958	
Cadmium	2.5	4.3	0.359	U	0.441		0.384		2.010	
Calcium	~	~	3,040		3,710		9,030		5,820	
Chromium	~	~	8.040		8.600		9.930		41.500	
Cobalt	~	~	10		8.530		7.410		12.300	
Copper	50	270	83.400		1,460		32.300		1,310	
Iron	~	~	6,290		7,800		18,900		15,900	
Lead	63	400	244		102		113		2,790	
Magnesium	~	~	276	B	464	B	366	B	1,520	B
Manganese	1600	2000	154		161		129		404	
Nickel	30	310	18.400		31.100		17.100		33.800	
Potassium	~	~	391		352		574		1,210	
Selenium	3.9	180	1.850		1.870		4.540		82.200	
Silver	2	180	0.599	U	0.663	U	0.631	U	2.900	
Sodium	~	~	547		511		430		873	
Thallium	~	~	1.200	U	1.330	U	1.260	U	1.410	U
Vanadium	~	~	19.700		20.100		16.800		44.900	
Zinc	109	10000	223		360		176		567	
Mercury by 7470/7471	mg/Kg	mg/Kg							1	
Dilution Factor									0.0464	U
Mercury	0.18	0.81	NT		NT		NT			
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg			
Dilution Factor			1		1		1			
Mercury	0.18	0.81	0.102		0.533		0.0732		NT	
Total Solids			%		%		%		%	
Dilution Factor			1		1		1		1	
% Solids	~	~	83.500		75.400		79.200		71.100	

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-18 6-8 ft 2/8/2017 Soil		B-18 14-16 ft 2/8/2017 Soil		B-19 0-2 ft 2/8/2017 Soil		B-19 6-8 ft 2/8/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aroclor 1016	~	~	0.0199	U	0.0221	U	0.0210	U	0.0234	U
Aroclor 1221	~	~	0.0199	U	0.0221	U	0.0210	U	0.0234	U
Aroclor 1232	~	~	0.0199	U	0.0221	U	0.0210	U	0.0234	U
Aroclor 1242	~	~	0.0199	U	0.0221	U	0.0210	U	0.0234	U
Aroclor 1248	~	~	0.0199	U	0.0221	U	0.0210	U	0.0234	U
Aroclor 1254	~	~	0.0199	U	0.0221	U	0.0210	U	0.0234	U
Aroclor 1260	~	~	0.0199	U	0.0221	U	0.0210	U	0.0234	U
Total PCBs	0.1	1	0.0199	U	0.0221	U	0.0210	U	0.0234	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-19 14-16 ft 2/8/2017 Soil		B-20 0-2 ft 2/13/2017 Soil		B-21 0-2 ft 2/13/2017 Soil		B-22 0-2 ft 2/13/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
1,1,1-Trichloroethane	0.68	100	0.00580	U	0.00160	U	0.00100	U	0.00280	U
1,1,2,2-Tetrachloroethane	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
1,1,2-Trichloroethane	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
1,1-Dichloroethane	0.27	26	0.00580	U	0.00160	U	0.00100	U	0.00280	U
1,1-Dichloroethylene	0.33	100	0.00580	U	0.00160	U	0.00100	U	0.00280	U
1,2,3-Trichlorobenzene	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
1,2,3-Trichloropropane	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
1,2,4-Trichlorobenzene	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
1,2,4-Trimethylbenzene	3.6	52	0.00580	U	0.00160	U	0.00100	U	0.00280	U
1,2-Dibromo-3-chloropropane	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
1,2-Dibromoethane	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
1,2-Dichlorobenzene	~	100	0.00580	U	0.00160	U	0.00100	U	0.00280	U
1,2-Dichloroethane	0.02	3.1	0.00580	U	0.00160	U	0.00100	U	0.00280	U
1,2-Dichloropropane	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
1,3,5-Trimethylbenzene	8.4	52	0.00580	U	0.00160	U	0.00100	U	0.00280	U
1,3-Dichlorobenzene	2.4	49	0.00580	U	0.00160	U	0.00100	U	0.00280	U
1,4-Dichlorobenzene	1.8	13	0.00580	U	0.00160	U	0.00100	U	0.00280	U
1,4-Dioxane	0.1	13	0.120	U	0.0320	U	0.0200	U	0.0550	U
2-Butanone	0.12	100	0.00580	U	0.00160	U	0.00180	J	0.00310	J
2-Hexanone	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
4-Methyl-2-pentanone	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Acetone	0.05	100	0.160	U	0.0110	B	0.00880	B	0.0410	B
Acrolein	~	~	0.0120	U	0.00320	U	0.00200	U	0.00550	U
Acrylonitrile	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Benzene	0.06	4.8	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Bromochloromethane	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Bromodichloromethane	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Bromoform	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Bromomethane	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Carbon disulfide	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Carbon tetrachloride	0.76	2.4	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Chlorobenzene	1.1	100	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Chloroethane	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Chloroform	0.37	49	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Chloromethane	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
cis-1,2-Dichloroethylene	0.25	100	0.00580	U	0.00160	U	0.00100	U	0.00280	U
cis-1,3-Dichloropropylene	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Cyclohexane	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Dibromochloromethane	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Dibromomethane	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Dichlorodifluoromethane	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U

Table 1. Soil Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
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Sample ID	NYSDEC Part 375	NYSDEC Part 375	B-19 14-16 ft		B-20 0-2 ft		B-21 0-2 ft		B-22 0-2 ft	
Sampling Date	Unrestricted Use	Restricted Use	2/8/2017		2/13/2017		2/13/2017		2/13/2017	
Client Matrix	Soil Cleanup Objectives	Soil Cleanup Objectives - Restricted Residential	Soil		Soil		Soil		Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Ethyl Benzene	1	41	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Hexachlorobutadiene	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Isopropylbenzene	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Methyl acetate	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Methylcyclohexane	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Methylene chloride	0.05	100	0.0120	U	0.00320	U	0.00200	U	0.00550	U
n-Butylbenzene	12	100	0.00580	U	0.00160	U	0.00100	U	0.00280	U
n-Propylbenzene	3.9	100	0.00580	U	0.00160	U	0.00100	U	0.00280	U
o-Xylene	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
p- & m- Xylenes	~	~	0.0120	U	0.00320	U	0.00200	U	0.00550	U
p-Isopropyltoluene	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
sec-Butylbenzene	11	100	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Styrene	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
tert-Butyl alcohol (TBA)	~	~	0.0120	U	0.00160	U	0.00100	U	0.00280	U
tert-Butylbenzene	5.9	100	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Tetrachloroethylene	1.3	19	0.00590	J	0.00160	U	0.00100	U	0.00280	U
Toluene	0.7	100	0.00580	U	0.00160	U	0.00100	U	0.00280	U
trans-1,2-Dichloroethylene	0.19	100	0.00580	U	0.00160	U	0.00100	U	0.00280	U
trans-1,3-Dichloropropylene	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Trichloroethylene	0.47	21	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Trichlorofluoromethane	~	~	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Vinyl Chloride	0.02	0.9	0.00580	U	0.00160	U	0.00100	U	0.00280	U
Xylenes, Total	0.26	100	0.0170	U	0.00470	U	0.00300	U	0.00830	U
Semi-Volatiles, 8270 Base/Neutrals	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			2		2		10		2	
1,2,4-Trichlorobenzene	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
1,2-Dichlorobenzene	1.1	100	0.0567	U	0.0453	U	0.0439	U	0.0471	U
1,3-Dichlorobenzene	2.4	49	0.0567	U	0.0453	U	0.0439	U	0.0471	U
1,4-Dichlorobenzene	1.8	13	0.0567	U	0.0453	U	0.0439	U	0.0471	U
2,4-Dinitrotoluene	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
2,6-Dinitrotoluene	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
2-Chloronaphthalene	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
2-Methylnaphthalene	~	~	0.0567	U	0.0453	U	0.0938	D	0.0471	U
3,3-Dichlorobenzidine	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
3-Nitroaniline	~	~	0.113	U	0.0905	U	0.0876	U	0.0940	U
4-Bromophenyl phenyl ether	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
4-Chloroaniline	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
4-Chlorophenyl phenyl ether	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
4-Nitroaniline	~	~	0.113	U	0.0905	U	0.0876	U	0.0940	U
Acenaphthene	20	100	0.0567	U	0.116	D	0.395	D	0.0471	U
Acenaphthylene	100	100	0.0567	U	0.0882	JD	0.188	D	0.0691	JD
Aniline	~	~	0.226	U	0.181	U	0.175	U	0.188	U
Anthracene	100	100	0.0567	U	0.378	D	1.350	D	0.0856	JD
Benzo(a)anthracene	1	1	0.0567	U	1.070	D	0.0439	U	0.306	D

Table 1. Soil Sample Analytical Results
Phase II Subsurface Investigation
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-19 14-16 ft 2/8/2017 Soil		B-20 0-2 ft 2/13/2017 Soil		B-21 0-2 ft 2/13/2017 Soil		B-22 0-2 ft 2/13/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Benzo(a)pyrene	1	1	0.0567	U	1.310	D	2.280	D	0.413	D
Benzo(b)fluoranthene	1	1	0.0567	U	1.020	D	2.520	D	0.313	D
Benzo(g,h,i)perylene	100	100	0.0567	U	0.780	D	0.614	D	0.288	D
Benzo(k)fluoranthene	0.8	3.9	0.0567	U	1.180	D	2.450	D	0.421	D
Benzyl butyl phthalate	~	~	0.0567	U	0.0453	U	0.183	D	0.0471	U
Bis(2-chloroethoxy)methane	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
Bis(2-chloroethyl)ether	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
Bis(2-chloroisopropyl)ether	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
Bis(2-ethylhexyl)phthalate	~	~	0.0567	U	0.158	D	0.0439	U	0.0471	U
Carbazole	~	~	0.0567	U	0.234	D	0.939	D	0.0533	JD
Chrysene	1	3.9	0.0567	U	1.170	D	0.0439	U	0.357	D
Dibenzo(a,h)anthracene	0.33	0.33	0.0567	U	0.331	D	0.983	D	0.101	D
Dibenzofuran	7	59	0.0567	U	0.0658	JD	0.0439	U	0.0471	U
Diethyl phthalate	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
Dimethyl phthalate	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
Di-n-butyl phthalate	~	~	0.0567	U	0.0453	U	0.0595	JD	0.0471	U
Di-n-octyl phthalate	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
Fluoranthene	100	100	0.0567	U	2.220	D	7.410	D	0.539	D
Fluorene	30	100	0.0567	U	0.0890	JD	0.345	D	0.0471	U
Hexachlorobenzene	0.33	1.2	0.0567	U	0.0453	U	0.0439	U	0.0471	U
Hexachlorobutadiene	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
Hexachlorocyclopentadiene	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
Hexachloroethane	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0567	U	0.644	D	1.970	D	0.207	D
Isophorone	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
Naphthalene	12	100	0.0567	U	0.0453	U	0.103	D	0.0471	U
Nitrobenzene	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
N-Nitrosodimethylamine	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
N-nitroso-di-n-propylamine	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
N-Nitrosodiphenylamine	~	~	0.0567	U	0.0453	U	0.0439	U	0.0471	U
Phenanthrene	100	100	0.0567	U	1.450	D	5.930	D	0.0954	D
Pyrene	100	100	0.0567	U	2.060	D	5.810	D	0.461	D
Pyridine	~	~	0.226	U	0.181	U	0.175	U	0.188	U
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5	
4,4'-DDD	0.0033	13	0.00224	U	0.00179	U	0.00173	U	0.00186	U
4,4'-DDE	0.0033	8.9	0.00224	U	0.00179	U	0.00173	U	0.00186	U
4,4'-DDT	0.0033	7.9	0.00224	U	0.00179	U	0.00173	U	0.00186	U
Aldrin	0.005	0.097	0.00224	U	0.00179	U	0.00173	U	0.00186	U
alpha-BHC	0.02	0.48	0.00224	U	0.00179	U	0.00173	U	0.00186	U
alpha-Chlordane	0.094	4.2	0.00224	U	0.00179	U	0.00173	U	0.00186	U
beta-BHC	0.036	0.36	0.00224	U	0.00179	U	0.00173	U	0.00186	U
Chlordane, total	~	~	0.0447	U	0.0358	U	0.0346	U	0.0372	U
delta-BHC	0.04	100	0.00224	U	0.00179	U	0.00173	U	0.00186	U
Dieldrin	0.005	0.2	0.00224	U	0.00179	U	0.00173	U	0.00186	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-19 14-16 ft 2/8/2017 Soil		B-20 0-2 ft 2/13/2017 Soil		B-21 0-2 ft 2/13/2017 Soil		B-22 0-2 ft 2/13/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Endosulfan I	2.4	24	0.00224	U	0.00179	U	0.00173	U	0.00186	U
Endosulfan II	2.4	24	0.00224	U	0.00179	U	0.00173	U	0.00186	U
Endosulfan sulfate	2.4	24	0.00224	U	0.00179	U	0.00173	U	0.00186	U
Endrin	0.014	11	0.00224	U	0.00179	U	0.00173	U	0.00186	U
Endrin aldehyde	~	~	0.00224	U	0.00179	U	0.00173	U	0.00186	U
Endrin ketone	~	~	0.00224	U	0.00179	U	0.00173	U	0.00186	U
gamma-BHC (Lindane)	0.1	1.3	0.00224	U	0.00179	U	0.00173	U	0.00186	U
gamma-Chlordane	~	~	0.00224	U	0.00179	U	0.00173	U	0.00186	U
Heptachlor	0.042	2.1	0.00224	U	0.00179	U	0.00173	U	0.00186	U
Heptachlor epoxide	~	~	0.00224	U	0.00179	U	0.00173	U	0.00186	U
Methoxychlor	~	~	0.0112	U	0.00895	U	0.00866	U	0.00930	U
Toxaphene	~	~	0.113	U	0.0906	U	0.0877	U	0.0941	U
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aluminum	~	~	5,340		6,920		7,920		7,260	
Antimony	~	~	0.678	U	0.542	U	0.525	U	0.563	U
Arsenic	13	16	7.300		2.880		4.810		2.600	
Barium	350	400	241		122		284		111	
Beryllium	7.2	72	0.627		0.325		0.332		0.369	
Cadmium	2.5	4.3	0.509		0.526		1.290		0.944	
Calcium	~	~	4,630		17,600		14,300		11,800	
Chromium	~	~	11.600		13.700		19.900		19.800	
Cobalt	~	~	8.940		6.350		8.490		6.680	
Copper	50	270	196		42.900		92.600		140	
Iron	~	~	6,550		14,700		18,500		16,700	
Lead	63	400	237		231		589		180	
Magnesium	~	~	800	B	3,970		3,790		2,940	
Manganese	1600	2000	111		268		299		225	
Nickel	30	310	19.600		15.700		23.400		15.900	
Potassium	~	~	629		1,290		2,180		1,010	
Selenium	3.9	180	1.360	U	2.740		4.160		3.500	
Silver	2	180	0.678	U	0.542	U	11.700		0.563	U
Sodium	~	~	488		2,150		1,240		277	
Thallium	~	~	1.360	U	1.080	U	1.050	U	1.130	U
Vanadium	~	~	24		27.900		46.100		19.200	
Zinc	109	10000	235		299		418		338	
Mercury by 7470/7471	mg/Kg	mg/Kg			mg/Kg		mg/Kg			
Dilution Factor			1							
Mercury	0.18	0.81	0.0447	U	NT		NT		NT	
Mercury by 7473	mg/Kg	mg/Kg			mg/Kg		mg/Kg		mg/Kg	
Dilution Factor					1		1		1	
Mercury	0.18	0.81	NT		2.290		3.120		0.386	
Total Solids			%		%		%		%	
Dilution Factor			1		1		1		1	
% Solids	~	~	73.800		92.200		95.300		88.800	

Table 1. Soil Sample Analytical Results
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Sample ID	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-19 14-16 ft 2/8/2017 Soil		B-20 0-2 ft 2/13/2017 Soil		B-21 0-2 ft 2/13/2017 Soil		B-22 0-2 ft 2/13/2017 Soil	
Client Matrix			Result	Q	Result	Q	Result	Q	Result	Q
Compound										
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aroclor 1016	~	~	0.0226	U	0.0181	U	0.0175	U	0.0188	U
Aroclor 1221	~	~	0.0226	U	0.0181	U	0.0175	U	0.0188	U
Aroclor 1232	~	~	0.0226	U	0.0181	U	0.0175	U	0.0188	U
Aroclor 1242	~	~	0.0226	U	0.0181	U	0.0175	U	0.0188	U
Aroclor 1248	~	~	0.0226	U	0.0181	U	0.211		0.0188	U
Aroclor 1254	~	~	0.0226	U	0.0181	U	0.0175	U	0.0188	U
Aroclor 1260	~	~	0.0226	U	0.0181	U	0.0175	U	0.0188	U
Total PCBs	0.1	1	0.0226	U	0.0181	U	0.292		0.0188	U

Table 1. Soil Sample Analytical Results
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Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-22 6-8 ft 2/13/2017 Soil		B-22 11-13 ft 2/13/2017 Soil		B-23 0-2 ft 2/13/2017 Soil		B-24 0-2 ft 2/13/2017 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
1,1,1,2-Tetrachloroethane	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
1,1,1-Trichloroethane	0.68	100	0.00240	U	0.00260	U	0.00270	U	0.00240	U
1,1,2,2-Tetrachloroethane	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
1,1,2-Trichloroethane	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
1,1-Dichloroethane	0.27	26	0.00240	U	0.00260	U	0.00270	U	0.00240	U
1,1-Dichloroethylene	0.33	100	0.00240	U	0.00260	U	0.00270	U	0.00240	U
1,2,3-Trichlorobenzene	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
1,2,3-Trichloropropane	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
1,2,4-Trichlorobenzene	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
1,2,4-Trimethylbenzene	3.6	52	0.00240	U	0.00260	U	0.00270	U	0.00240	U
1,2-Dibromo-3-chloropropane	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
1,2-Dibromoethane	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
1,2-Dichlorobenzene	1.1	100	0.00240	U	0.00260	U	0.00270	U	0.00240	U
1,2-Dichloroethane	0.02	3.1	0.00240	U	0.00260	U	0.00270	U	0.00240	U
1,2-Dichloropropane	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
1,3,5-Trimethylbenzene	8.4	52	0.00240	U	0.00260	U	0.00270	U	0.00240	U
1,3-Dichlorobenzene	2.4	49	0.00240	U	0.00260	U	0.00270	U	0.00240	U
1,4-Dichlorobenzene	1.8	13	0.00240	U	0.00260	U	0.00270	U	0.00240	U
1,4-Dioxane	0.1	13	0.0480	U	0.0520	U	0.0540	U	0.0470	U
2-Butanone	0.12	100	0.00240	U	0.00260	U	0.00460	J	0.00300	J
2-Hexanone	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
4-Methyl-2-pentanone	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Acetone	0.05	100	0.0990	B	0.0300	B	0.0730	B	0.0300	B
Acrolein	~	~	0.00480	U	0.00520	U	0.00540	U	0.00470	U
Acrylonitrile	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Benzene	0.06	4.8	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Bromochloromethane	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Bromodichloromethane	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Bromoform	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Bromomethane	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Carbon disulfide	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Carbon tetrachloride	0.76	2.4	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Chlorobenzene	1.1	100	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Chloroethane	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Chloroform	0.37	49	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Chloromethane	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
cis-1,2-Dichloroethylene	0.25	100	0.00240	U	0.00260	U	0.00270	U	0.00240	U
cis-1,3-Dichloropropylene	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Cyclohexane	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Dibromochloromethane	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Dibromomethane	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Dichlorodifluoromethane	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U

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Compound			Result	Q	Result	Q	Result	Q	Result	Q
Ethyl Benzene	1	41	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Hexachlorobutadiene	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Isopropylbenzene	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Methyl acetate	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Methylcyclohexane	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Methylene chloride	0.05	100	0.00480	U	0.00520	U	0.00540	U	0.00470	U
n-Butylbenzene	12	100	0.00240	U	0.00260	U	0.00270	U	0.00240	U
n-Propylbenzene	3.9	100	0.00240	U	0.00260	U	0.00270	U	0.00240	U
o-Xylene	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
p- & m- Xylenes	~	~	0.00480	U	0.00520	U	0.00540	U	0.00470	U
p-Isopropyltoluene	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
sec-Butylbenzene	11	100	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Styrene	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
tert-Butyl alcohol (TBA)	~	~	0.00280	J	0.00260	U	0.00270	U	0.00240	U
tert-Butylbenzene	5.9	100	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Tetrachloroethylene	1.3	19	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Toluene	0.7	100	0.00240	U	0.00260	U	0.00270	U	0.00240	U
trans-1,2-Dichloroethylene	0.19	100	0.00240	U	0.00260	U	0.00270	U	0.00240	U
trans-1,3-Dichloropropylene	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Trichloroethylene	0.47	21	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Trichlorofluoromethane	~	~	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Vinyl Chloride	0.02	0.9	0.00240	U	0.00260	U	0.00270	U	0.00240	U
Xylenes, Total	0.26	100	0.00710	U	0.00780	U	0.00810	U	0.00710	U
Semi-Volatiles, 8270 Base/Neutrals	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			10		2		2		2	
1,2,4-Trichlorobenzene	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
1,2-Dichlorobenzene	1.1	100	0.0479	U	0.0471	U	0.0479	U	0.0466	U
1,3-Dichlorobenzene	2.4	49	0.0479	U	0.0471	U	0.0479	U	0.0466	U
1,4-Dichlorobenzene	1.8	13	0.0479	U	0.0471	U	0.0479	U	0.0466	U
2,4-Dinitrotoluene	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
2,6-Dinitrotoluene	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
2-Chloronaphthalene	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
2-Methylnaphthalene	~	~	0.199	D	0.0471	U	0.0479	U	0.0466	U
3,3-Dichlorobenzidine	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
3-Nitroaniline	~	~	0.0956	U	0.0939	U	0.0955	U	0.0930	U
4-Bromophenyl phenyl ether	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
4-Chloroaniline	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
4-Chlorophenyl phenyl ether	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
4-Nitroaniline	~	~	0.0956	U	0.0939	U	0.0955	U	0.0930	U
Acenaphthene	20	100	1.100	D	0.0471	U	0.0479	U	0.0466	U
Acenaphthylene	100	100	0.0603	JD	0.0593	JD	0.0479	U	0.0466	U
Aniline	~	~	0.191	U	0.188	U	0.191	U	0.186	U
Anthracene	100	100	1.770	D	0.131	D	0.0479	U	0.0466	U
Benzo(a)anthracene	1	1	2.010	D	0.405	D	0.0479	U	0.0466	U

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Compound			Result	Q	Result	Q	Result	Q	Result	Q
Benzo(a)pyrene	1	1	2.150	D	0.494	D	0.0479	U	0.0466	U
Benzo(b)fluoranthene	1	1	2.230	D	0.411	D	0.0479	U	0.0466	U
Benzo(g,h,i)perylene	100	100	1.060	D	0.276	D	0.0479	U	0.0466	U
Benzo(k)fluoranthene	0.8	3.9	1.880	D	0.480	D	0.0479	U	0.0466	U
Benzyl butyl phthalate	~	~	0.0479	U	0.0471	U	0.156	D	0.0466	U
Bis(2-chloroethoxy)methane	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
Bis(2-chloroethyl)ether	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
Bis(2-chloroisopropyl)ether	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
Bis(2-ethylhexyl)phthalate	~	~	0.0932	JD	0.0471	U	0.444	D	0.0550	JD
Carbazole	~	~	1.380	D	0.0848	JD	0.0479	U	0.0466	U
Chrysene	1	3.9	2.040	D	0.459	D	0.0649	JD	0.0466	U
Dibenzo(a,h)anthracene	0.33	0.33	0.442	D	0.111	D	0.0479	U	0.0466	U
Dibenzofuran	7	59	0.603	D	0.0471	U	0.0479	U	0.0466	U
Diethyl phthalate	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
Dimethyl phthalate	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
Di-n-butyl phthalate	~	~	0.0479	U	0.0471	U	0.0634	JD	0.0466	U
Di-n-octyl phthalate	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
Fluoranthene	100	100	6.150	D	0.818	D	0.0801	JD	0.0466	U
Fluorene	30	100	0.788	D	0.0471	U	0.0479	U	0.0466	U
Hexachlorobenzene	0.33	1.2	0.0479	U	0.0471	U	0.0479	U	0.0466	U
Hexachlorobutadiene	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
Hexachlorocyclopentadiene	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
Hexachloroethane	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.921	D	0.220	D	0.0479	U	0.0466	U
Isophorone	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
Naphthalene	12	100	0.388	D	0.0471	U	0.0479	U	0.0466	U
Nitrobenzene	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
N-Nitrosodimethylamine	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
N-nitroso-di-n-propylamine	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
N-Nitrosodiphenylamine	~	~	0.0479	U	0.0471	U	0.0479	U	0.0466	U
Phenanthrene	100	100	6.700	D	0.630	D	0.0479	U	0.0466	U
Pyrene	100	100	4.610	D	0.754	D	0.0763	JD	0.0466	U
Pyridine	~	~	0.191	U	0.188	U	0.191	U	0.186	U
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			5		5		5		5	
4,4'-DDD	0.0033	13	0.00189	U	0.00186	U	0.00189	U	0.00184	U
4,4'-DDE	0.0033	8.9	0.00189	U	0.00186	U	0.00189	U	0.00184	U
4,4'-DDT	0.0033	7.9	0.00189	U	0.00186	U	0.00189	U	0.00184	U
Aldrin	0.005	0.097	0.00189	U	0.00186	U	0.00189	U	0.00184	U
alpha-BHC	0.02	0.48	0.00189	U	0.00186	U	0.00189	U	0.00184	U
alpha-Chlordane	0.094	4.2	0.00189	U	0.00186	U	0.00189	U	0.00184	U
beta-BHC	0.036	0.36	0.00189	U	0.00186	U	0.00189	U	0.00184	U
Chlordane, total	~	~	0.0378	U	0.0372	U	0.0378	U	0.0368	U
delta-BHC	0.04	100	0.00189	U	0.00186	U	0.00189	U	0.00184	U
Dieldrin	0.005	0.2	0.00189	U	0.00186	U	0.00189	U	0.00184	U

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Compound			Result	Q	Result	Q	Result	Q	Result	Q
Endosulfan I	2.4	24	0.00189	U	0.00186	U	0.00189	U	0.00184	U
Endosulfan II	2.4	24	0.00189	U	0.00186	U	0.00189	U	0.00184	U
Endosulfan sulfate	2.4	24	0.00189	U	0.00186	U	0.00189	U	0.00184	U
Endrin	0.014	11	0.00189	U	0.00186	U	0.00189	U	0.00184	U
Endrin aldehyde	~	~	0.00189	U	0.00186	U	0.00189	U	0.00184	U
Endrin ketone	~	~	0.00189	U	0.00186	U	0.00189	U	0.00184	U
gamma-BHC (Lindane)	0.1	1.3	0.00189	U	0.00186	U	0.00189	U	0.00184	U
gamma-Chlordane	~	~	0.00189	U	0.00186	U	0.00189	U	0.00184	U
Heptachlor	0.042	2.1	0.00189	U	0.00186	U	0.00189	U	0.00184	U
Heptachlor epoxide	~	~	0.00189	U	0.00186	U	0.00189	U	0.00184	U
Methoxychlor	~	~	0.00945	U	0.00929	U	0.00945	U	0.00920	U
Toxaphene	~	~	0.0957	U	0.0940	U	0.0956	U	0.0931	U
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aluminum	~	~	7,990		9,770		6,380		4,090	
Antimony	~	~	0.573	U	0.563	U	0.572	U	0.558	U
Arsenic	13	16	1.150	U	2.880		3.860		2.020	
Barium	350	400	77.100		105		35.400		35.600	
Beryllium	7.2	72	0.372		0.429		0.260		0.187	
Cadmium	2.5	4.3	0.344	U	0.338	U	0.343	U	0.380	
Calcium	~	~	4,460		6,340		80,600		31,900	
Chromium	~	~	15.300		22.400		14.500		9.620	
Cobalt	~	~	8.260		9.540		2.900		2.950	
Copper	50	270	28.300		59.600		16.200		11.500	
Iron	~	~	28,500		19,900		9,110		7,040	
Lead	63	400	79.200		178		19.300		31.500	
Magnesium	~	~	2,890		3,340		18,600		2,860	
Manganese	1600	2000	314		317		139		158	
Nickel	30	310	16.800		19.600		9.220		7.730	
Potassium	~	~	1,710		1,820		213		455	
Selenium	3.9	180	6.880		4.500		1.140	U	1.120	U
Silver	2	180	0.573	U	0.563	U	0.572	U	0.558	U
Sodium	~	~	279		310		849		456	
Thallium	~	~	1.150	U	1.130	U	1.140	U	1.120	U
Vanadium	~	~	19.300		23		16.100		11.300	
Zinc	109	10000	100		152		61		121	
Mercury by 7470/7471	mg/Kg	mg/Kg								
Dilution Factor										
Mercury	0.18	0.81	NT		NT		NT		NT	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Mercury	0.18	0.81	1.020		0.343		0.178		0.0648	
Total Solids			%		%		%		%	
Dilution Factor			1		1		1		1	
% Solids	~	~	87.300		88.800		87.300		89.700	

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Compound			Result	Q	Result	Q	Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1		1	
Aroclor 1016	~	~	0.0191	U	0.0188	U	0.0191	U	0.0186	U
Aroclor 1221	~	~	0.0191	U	0.0188	U	0.0191	U	0.0186	U
Aroclor 1232	~	~	0.0191	U	0.0188	U	0.0191	U	0.0186	U
Aroclor 1242	~	~	0.0191	U	0.0188	U	0.0191	U	0.0186	U
Aroclor 1248	~	~	0.0191	U	0.0188	U	0.0191	U	0.0186	U
Aroclor 1254	~	~	0.0191	U	0.0188	U	0.0191	U	0.0186	U
Aroclor 1260	~	~	0.0191	U	0.0188	U	0.0191	U	0.0186	U
Total PCBs	0.1	1	0.0191	U	0.0188	U	0.0191	U	0.0186	U

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Compound			Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
1,1,1,2-Tetrachloroethane	~	~	0.00210	U	0.00280	U
1,1,1-Trichloroethane	0.68	100	0.00210	U	0.00280	U
1,1,2,2-Tetrachloroethane	~	~	0.00210	U	0.00280	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00210	U	0.00280	U
1,1,2-Trichloroethane	~	~	0.00210	U	0.00280	U
1,1-Dichloroethane	0.27	26	0.00210	U	0.00280	U
1,1-Dichloroethylene	0.33	100	0.00210	U	0.00280	U
1,2,3-Trichlorobenzene	~	~	0.00210	U	0.00280	U
1,2,3-Trichloropropane	~	~	0.00210	U	0.00280	U
1,2,4-Trichlorobenzene	~	~	0.00210	U	0.00280	U
1,2,4-Trimethylbenzene	3.6	52	0.0690		0.00280	U
1,2-Dibromo-3-chloropropane	~	~	0.00210	U	0.00280	U
1,2-Dibromoethane	~	~	0.00210	U	0.00280	U
1,2-Dichlorobenzene	1.1	100	0.00210	U	0.00280	U
1,2-Dichloroethane	0.02	3.1	0.00210	U	0.00280	U
1,2-Dichloropropane	~	~	0.00210	U	0.00280	U
1,3,5-Trimethylbenzene	8.4	52	0.0280		0.00280	U
1,3-Dichlorobenzene	2.4	49	0.00210	U	0.00280	U
1,4-Dichlorobenzene	1.8	13	0.00210	U	0.00280	U
1,4-Dioxane	0.1	13	0.0420	U	0.0570	U
2-Butanone	0.12	100	0.00510		0.00280	U
2-Hexanone	~	~	0.00210	U	0.00280	U
4-Methyl-2-pentanone	~	~	0.00210	U	0.00280	U
Acetone	0.05	100	0.0940	B	0.0410	B
Acrolein	~	~	0.00420	U	0.00570	U
Acrylonitrile	~	~	0.00210	U	0.00280	U
Benzene	0.06	4.8	0.00210	U	0.00280	U
Bromochloromethane	~	~	0.00210	U	0.00280	U
Bromodichloromethane	~	~	0.00210	U	0.00280	U
Bromoform	~	~	0.00210	U	0.00280	U
Bromomethane	~	~	0.00210	U	0.00280	U
Carbon disulfide	~	~	0.00210	U	0.00280	U
Carbon tetrachloride	0.76	2.4	0.00210	U	0.00280	U
Chlorobenzene	1.1	100	0.00210	U	0.00280	U
Chloroethane	~	~	0.00210	U	0.00280	U
Chloroform	0.37	49	0.00210	U	0.00280	U
Chloromethane	~	~	0.00210	U	0.00280	U
cis-1,2-Dichloroethylene	0.25	100	0.00210	U	0.00280	U
cis-1,3-Dichloropropylene	~	~	0.00210	U	0.00280	U
Cyclohexane	~	~	0.00210	U	0.00280	U
Dibromochloromethane	~	~	0.00210	U	0.00280	U
Dibromomethane	~	~	0.00210	U	0.00280	U
Dichlorodifluoromethane	~	~	0.00210	U	0.00280	U

0.48

Table 1. Soil Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-24 5-7 ft 2/13/2017 Soil		B-25 0-2 ft 2/13/2017 Soil	
Compound			Result	Q	Result	Q
Ethyl Benzene	1	41	0.00490		0.00280	U
Hexachlorobutadiene	~	~	0.00210	U	0.00280	U
Isopropylbenzene	~	~	0.00210	U	0.00280	U
Methyl acetate	~	~	0.00210	U	0.00280	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.00380	J	0.00280	U
Methylcyclohexane	~	~	0.00210	J	0.00280	U
Methylene chloride	0.05	100	0.00420	U	0.00570	U
n-Butylbenzene	12	100	0.0110		0.00280	U
n-Propylbenzene	3.9	100	0.00560		0.00280	U
o-Xylene	~	~	0.0220		0.00280	U
p- & m- Xylenes	~	~	0.0310		0.00570	U
p-Isopropyltoluene	~	~	0.00610		0.00280	U
sec-Butylbenzene	11	100	0.00230	J	0.00280	U
Styrene	~	~	0.00210	U	0.00280	U
tert-Butyl alcohol (TBA)	~	~	0.0200		0.00280	U
tert-Butylbenzene	5.9	100	0.00210	U	0.00280	U
Tetrachloroethylene	1.3	19	0.00210	U	0.00280	U
Toluene	0.7	100	0.0230		0.00280	U
trans-1,2-Dichloroethylene	0.19	100	0.00210	U	0.00280	U
trans-1,3-Dichloropropylene	~	~	0.00210	U	0.00280	U
Trichloroethylene	0.47	21	0.00210	U	0.00280	U
Trichlorofluoromethane	~	~	0.00210	U	0.00280	U
Vinyl Chloride	0.02	0.9	0.00210	U	0.00280	U
Xylenes, Total	0.26	100	0.0520		0.00850	U
Semi-Volatiles, 8270 Base/Neutrals	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			2		2	
1,2,4-Trichlorobenzene	~	~	0.0458	U	0.0502	U
1,2-Dichlorobenzene	1.1	100	0.0458	U	0.0502	U
1,3-Dichlorobenzene	2.4	49	0.0458	U	0.0502	U
1,4-Dichlorobenzene	1.8	13	0.0458	U	0.0502	U
2,4-Dinitrotoluene	~	~	0.0458	U	0.0502	U
2,6-Dinitrotoluene	~	~	0.0458	U	0.0502	U
2-Chloronaphthalene	~	~	0.0458	U	0.0502	U
2-Methylnaphthalene	~	~	0.0458	U	0.0502	U
3,3-Dichlorobenzidine	~	~	0.0458	U	0.0502	U
3-Nitroaniline	~	~	0.0913	U	0.100	U
4-Bromophenyl phenyl ether	~	~	0.0458	U	0.0502	U
4-Chloroaniline	~	~	0.0458	U	0.0502	U
4-Chlorophenyl phenyl ether	~	~	0.0458	U	0.0502	U
4-Nitroaniline	~	~	0.0913	U	0.100	U
Acenaphthene	20	100	0.0458	U	0.0502	U
Acenaphthylene	100	100	0.0458	U	0.0502	U
Aniline	~	~	0.183	U	0.201	U
Anthracene	100	100	0.0458	U	0.0502	U
Benzo(a)anthracene	1	1	0.0458	U	0.0800	JD

27.1

Table 1. Soil Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-24 5-7 ft 2/13/2017 Soil		B-25 0-2 ft 2/13/2017 Soil		
Compound			Result	Q	Result	Q	
Benzo(a)pyrene	1	1	0.0458	U	0.0888	JD	20.8
Benzo(b)fluoranthene	1	1	0.0458	U	0.0792	JD	21.3
Benzo(g,h,i)perylene	100	100	0.0458	U	0.0568	JD	
Benzo(k)fluoranthene	0.8	3.9	0.0458	U	0.0808	JD	25.5
Benzyl butyl phthalate	~	~	0.0458	U	0.0502	U	
Bis(2-chloroethoxy)methane	~	~	0.0458	U	0.0502	U	
Bis(2-chloroethyl)ether	~	~	0.0458	U	0.0502	U	
Bis(2-chloroisopropyl)ether	~	~	0.0458	U	0.0502	U	
Bis(2-ethylhexyl)phthalate	~	~	0.0458	U	0.0688	JD	
Carbazole	~	~	0.0458	U	0.0502	U	15.3
Chrysene	1	3.9	0.0458	U	0.100	JD	24.9
Dibenzo(a,h)anthracene	0.33	0.33	0.0458	U	0.0502	U	6.52
Dibenzofuran	7	59	0.0458	U	0.0502	U	
Diethyl phthalate	~	~	0.0458	U	0.0502	U	
Dimethyl phthalate	~	~	0.0458	U	0.0502	U	
Di-n-butyl phthalate	~	~	0.0458	U	0.0502	U	
Di-n-octyl phthalate	~	~	0.0458	U	0.0502	U	
Fluoranthene	100	100	0.0458	U	0.112	D	
Fluorene	30	100	0.0458	U	0.0502	U	
Hexachlorobenzene	0.33	1.2	0.0458	U	0.0502	U	
Hexachlorobutadiene	~	~	0.0458	U	0.0502	U	
Hexachlorocyclopentadiene	~	~	0.0458	U	0.0502	U	
Hexachloroethane	~	~	0.0458	U	0.0502	U	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0458	U	0.0502	U	9.09
Isophorone	~	~	0.0458	U	0.0502	U	
Naphthalene	12	100	0.0458	U	0.0502	U	
Nitrobenzene	~	~	0.0458	U	0.0502	U	
N-Nitrosodimethylamine	~	~	0.0458	U	0.0502	U	
N-nitroso-di-n-propylamine	~	~	0.0458	U	0.0502	U	
N-Nitrosodiphenylamine	~	~	0.0458	U	0.0502	U	
Phenanthrene	100	100	0.0458	U	0.0502	U	
Pyrene	100	100	0.0458	U	0.103	D	
Pyridine	~	~	0.183	U	0.201	U	
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		
Dilution Factor			5		5		
4,4'-DDD	0.0033	13	0.00181	U	0.00198	U	
4,4'-DDE	0.0033	8.9	0.00181	U	0.00198	U	
4,4'-DDT	0.0033	7.9	0.00181	U	0.00198	U	
Aldrin	0.005	0.097	0.00181	U	0.00198	U	
alpha-BHC	0.02	0.48	0.00181	U	0.00198	U	
alpha-Chlordane	0.094	4.2	0.00181	U	0.00198	U	
beta-BHC	0.036	0.36	0.00181	U	0.00198	U	
Chlordane, total	~	~	0.0361	U	0.0396	U	
delta-BHC	0.04	100	0.00181	U	0.00198	U	
Dieldrin	0.005	0.2	0.00181	U	0.00198	U	

Table 1. Soil Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-24 5-7 ft 2/13/2017 Soil		B-25 0-2 ft 2/13/2017 Soil	
Compound			Result	Q	Result	Q
Endosulfan I	2.4	24	0.00181	U	0.00198	U
Endosulfan II	2.4	24	0.00181	U	0.00198	U
Endosulfan sulfate	2.4	24	0.00181	U	0.00198	U
Endrin	0.014	11	0.00181	U	0.00198	U
Endrin aldehyde	~	~	0.00181	U	0.00198	U
Endrin ketone	~	~	0.00181	U	0.00198	U
gamma-BHC (Lindane)	0.1	1.3	0.00181	U	0.00198	U
gamma-Chlordane	~	~	0.00181	U	0.00198	U
Heptachlor	0.042	2.1	0.00181	U	0.00198	U
Heptachlor epoxide	~	~	0.00181	U	0.00198	U
Methoxychlor	~	~	0.00903	U	0.00991	U
Toxaphene	~	~	0.0914	U	0.100	U
Metals, Target Analyte	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
Aluminum	~	~	2,330	U	5,020	U
Antimony	~	~	0.547		0.600	
Arsenic	13	16	1,330		1,800	
Barium	350	400	17,600	U	52,500	
Beryllium	7.2	72	0.183		0.202	
Cadmium	2.5	4.3	0.328		2,030	
Calcium	~	~	7,740		92,700	
Chromium	~	~	4,530		9,800	
Cobalt	~	~	2,040		4,260	
Copper	50	270	7,210		26,300	1460
Iron	~	~	4,800		7,190	
Lead	63	400	19,300		20,300	
Magnesium	~	~	807		3,260	2790
Manganese	1600	2000	76,200		133	
Nickel	30	310	4,640		25,800	
Potassium	~	~	364	U	350	33.8
Selenium	3.9	180	1,100		1,200	
Silver	2	180	0.547		0.600	
Sodium	~	~	187	U	503	82.2
Thallium	~	~	1,090		1,200	
Vanadium	~	~	5,890		12	
Zinc	109	10000	119		313	1050
Mercury by 7470/7471	mg/Kg	mg/Kg				
Dilution Factor						
Mercury	0.18	0.81	NT		NT	
Mercury by 7473	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
Mercury	0.18	0.81	0.0519		0.0360	U
Total Solids			%		%	
Dilution Factor			1		1	
% Solids	~	~	91.400		83.300	

117
2040

1460

2790

33.8

82.2

1050

3.12

Table 1. Soil Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	B-24 5-7 ft 2/13/2017 Soil		B-25 0-2 ft 2/13/2017 Soil	
Compound			Result	Q	Result	Q
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
Aroclor 1016	~	~	0.0182	U	0.0200	U
Aroclor 1221	~	~	0.0182	U	0.0200	U
Aroclor 1232	~	~	0.0182	U	0.0200	U
Aroclor 1242	~	~	0.0182	U	0.0200	U
Aroclor 1248	~	~	0.0182	U	0.0200	U
Aroclor 1254	~	~	0.0182	U	0.0200	U
Aroclor 1260	~	~	0.0182	U	0.0200	U
Total PCBs	0.1	1	0.0182	U	0.0200	U

0.292

NOTES:

mg/Kg = milligrams per kilogram

Any Regulatory Exceedences are bold and shaded

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

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 2. Groundwater Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID	NYSDEC TOGS	GW-1		GW-2		GW-3		GW-4		GW-5	
Sampling Date	Standards and	42774.0		42774.0		42774.0		42774.0		42774.0	
Client Matrix	Guidance Values -	Water		Water		Water		Water		Water	
Compound	GA	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	ug/L										
Dilution Factor		1.00		1.000		20.0		1.0		1.0	
1,1,1,2-Tetrachloroethane	5	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
1,1,1-Trichloroethane	5	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
1,1,2,2-Tetrachloroethane	5	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
1,1,2-Trichloroethane	1	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethane	5	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethylene	5	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
1,2,3-Trichlorobenzene	5	0.80	U	0.800	U	0.8	U	0.8	U	0.8	U
1,2,3-Trichloropropane	0.04	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
1,2,4-Trichlorobenzene	5	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
1,2,4-Trimethylbenzene	5	0.20	U	0.200	U	240.0		7.4		0.2	U
1,2-Dibromo-3-chloropropane	0.04	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
1,2-Dibromoethane	0.0006	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
1,2-Dichlorobenzene	3	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
1,2-Dichloroethane	0.6	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
1,2-Dichloropropane	1	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
1,3,5-Trimethylbenzene	5	0.20	U	0.200	U	45.0	D	4.9		0.2	U
1,3-Dichlorobenzene	3	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
1,4-Dichlorobenzene	3	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
1,4-Dioxane	~	40.00	U	40.000	U	40.0	U	40.0	U	40.0	U
2-Butanone	50	0.43	J	0.200	U	5.5		0.2	U	0.4	J
2-Hexanone	50	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
4-Methyl-2-pentanone	~	0.33	J	0.250	J	0.2	U	0.2	U	0.3	J
Acetone	50	3.20	B	1.300	JB	8.7	B	2.5	B	3.0	B
Acrolein	~	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
Acrylonitrile	~	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
Benzene	1	0.20	U	0.200	U	0.7		0.7		0.2	U
Bromochloromethane	5	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
Bromodichloromethane	50	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
Bromoform	50	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
Bromomethane	5	0.26	J	0.200	U	0.2	U	0.2	U	0.2	U
Carbon disulfide	~	0.20	U	0.200	U	2.8		3.3		0.2	U
Carbon tetrachloride	5	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
Chlorobenzene	5	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
Chloroethane	5	0.80	U	0.800	U	0.8	U	0.8	U	0.8	U
Chloroform	7	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
Chloromethane	5	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
cis-1,2-Dichloroethylene	5	0.20	U	0.200	U	0.3	J	0.2	U	0.2	U
cis-1,3-Dichloropropylene	0.4	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
Cyclohexane	~	0.20	U	0.200	U	32.0		4.4		0.2	U
Dibromochloromethane	50	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
Dibromomethane	~	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
Dichlorodifluoromethane	5	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U

Table 2. Groundwater Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID	NYSDEC TOGS	GW-1		GW-2		GW-3		GW-4		GW-5	
Sampling Date	Standards and	42774.0		42774.0		42774.0		42774.0		42774.0	
Client Matrix	Guidance Values -	Water		Water		Water		Water		Water	
Compound	GA	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Ethyl Benzene	5	0.20	U	0.200	U	150.0	D	6.8		0.2	U
Hexachlorobutadiene	0.5	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
Isopropylbenzene	5	0.20	U	0.200	U	36.0		0.7		0.2	U
Methyl acetate	~	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
Methyl tert-butyl ether (MTBE)	10	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
Methylcyclohexane	~	0.20	U	0.200	U	35.0		1.4		0.2	U
Methylene chloride	5	1.00	U	1.000	U	1.0	U	1.0	U	1.0	U
n-Butylbenzene	5	0.20	U	0.200	U	22.0		0.2	U	0.2	U
n-Propylbenzene	5	0.20	U	0.200	U	48.0	D	1.0		0.2	U
o-Xylene	5	0.20	U	0.200	U	12.0		1.9		0.2	U
p- & m- Xylenes	5	0.50	U	0.500	U	230.0	D	7.4		0.5	U
p-Isopropyltoluene	5	0.20	U	0.200	U	3.1		3.2		0.2	U
sec-Butylbenzene	5	0.20	U	0.200	U	6.3		0.7		0.2	U
Styrene	5	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
tert-Butyl alcohol (TBA)	~	1.00	U	1.000	U	1.0	U	1.5	J	1.0	U
tert-Butylbenzene	5	0.20	U	0.200	U	0.8		0.2	U	0.2	U
Tetrachloroethylene	5	0.29	J	0.200	U	0.2	U	0.2	U	0.3	J
Toluene	5	0.20	U	0.200	U	1.9		0.6		0.2	U
trans-1,2-Dichloroethylene	5	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
trans-1,3-Dichloropropylene	0.4	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
Trichloroethylene	5	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
Trichlorofluoromethane	5	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
Vinyl Chloride	2	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
Xylenes, Total	5	0.60	U	0.600	U	240.0	D	9.3		0.6	U
Semi-Volatiles, 8270 Base/Neutrals	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1.00		1.000		1.0		10.0		1.0	
1,2,4-Trichlorobenzene	5	2.60	U	2.530	U	2.6	U	26.0	U	2.6	U
1,2-Dichlorobenzene	3	2.62	U	2.550	U	2.6	U	26.2	U	2.6	U
1,3-Dichlorobenzene	3	2.75	U	2.680	U	2.8	U	27.5	U	2.8	U
1,4-Dichlorobenzene	3	2.33	U	2.270	U	2.3	U	23.3	U	2.3	U
2,4-Dinitrotoluene	5	1.69	U	1.650	U	1.7	U	16.9	U	1.7	U
2,6-Dinitrotoluene	5	1.69	U	1.650	U	1.7	U	16.9	U	1.7	U
2-Chloronaphthalene	10	2.32	U	2.260	U	2.3	U	23.2	U	2.3	U
2-Methylnaphthalene	~	2.91	U	2.830	U	13.4		29.1	U	2.9	U
2-Nitroaniline	5	1.77	U	1.720	U	1.8	U	17.7	U	1.8	U
3,3-Dichlorobenzidine	5	1.34	U	1.300	U	1.3	U	13.4	U	1.3	U
3-Nitroaniline	5	1.77	U	1.720	U	1.8	U	17.7	U	1.8	U
4-Bromophenyl phenyl ether	~	1.40	U	1.360	U	1.4	U	14.0	U	1.4	U
4-Chloroaniline	5	3.14	U	3.060	U	3.1	U	31.4	U	3.1	U
4-Chlorophenyl phenyl ether	~	2.58	U	2.510	U	2.6	U	25.8	U	2.6	U
4-Nitroaniline	5	2.82	U	2.750	U	2.8	U	28.2	U	2.8	U
Acenaphthene	20	0.05	U	0.051	U	0.1		0.5	U	0.1	U
Acenaphthylene	~	0.05	U	0.051	U	0.1	J	0.5	U	0.1	U
Aniline	5	1.58	U	1.540	U	1.6	U	15.8	U	1.6	U
Anthracene	50	0.05	U	0.051	U	0.1		0.5	U	0.1	U

Table 2. Groundwater Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID	NYSDEC TOGS	GW-1		GW-2		GW-3		GW-4		GW-5	
Sampling Date	Standards and	42774.0		42774.0		42774.0		42774.0		42774.0	
Client Matrix	Guidance Values -	Water		Water		Water		Water		Water	
Compound	GA	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Benzo(a)anthracene	0.002	0.05	U	0.051	U	0.1		0.5	U	0.1	U
Benzo(a)pyrene	0.002	0.05	U	0.051	U	0.2		0.5	U	0.1	U
Benzo(b)fluoranthene	0.002	0.05	U	0.051	J	0.2		0.5	U	0.1	U
Benzo(g,h,i)perylene	~	0.06		0.051	U	0.1		0.5	U	0.1	J
Benzo(k)fluoranthene	0.002	0.05	U	0.051	U	0.2		0.5	U	0.1	U
Benzyl butyl phthalate	50	0.90	U	0.874	U	0.9	U	9.0	U	0.9	U
Bis(2-chloroethoxy)methane	5	1.86	U	1.820	U	1.9	U	18.6	U	1.9	U
Bis(2-chloroethyl)ether	1	1.58	U	1.540	U	1.6	U	15.8	U	1.6	U
Bis(2-chloroisopropyl)ether	5	3.15	U	3.070	U	3.2	U	31.5	U	3.2	U
Bis(2-ethylhexyl)phthalate	5	0.53	U	0.513	U	0.5	U	5.3	U	0.5	U
Carbazole	~	1.38	U	1.340	U	1.4	U	13.8	U	1.4	U
Chrysene	0.002	0.05	U	0.051	U	0.1		0.5	U	0.1	U
Dibenzo(a,h)anthracene	~	0.05	U	0.051	U	0.1	J	0.5	U	0.1	U
Dibenzofuran	~	2.54	U	2.470	U	2.5	U	25.4	U	2.5	U
Diethyl phthalate	50	2.69	U	2.630	U	2.7	U	26.9	U	2.7	U
Dimethyl phthalate	50	2.01	U	1.960	U	2.0	U	20.1	U	2.0	U
Di-n-butyl phthalate	50	2.16	U	2.100	U	2.2	U	21.6	U	2.2	U
Di-n-octyl phthalate	50	1.18	U	1.150	U	1.2	U	11.8	U	1.2	U
Fluoranthene	50	0.05	U	0.051	U	0.2		0.5	U	0.1	U
Fluorene	50	0.05	U	0.051	U	0.2		0.5	U	0.1	U
Hexachlorobenzene	0.04	0.02	U	0.021	U	0.0	U	0.2	U	0.0	U
Hexachlorobutadiene	0.5	0.53	U	0.513	U	0.5	U	5.3	U	0.5	U
Hexachlorocyclopentadiene	5	2.66	U	2.590	U	2.7	U	26.6	U	2.7	U
Hexachloroethane	5	0.53	U	0.513	U	0.5	U	5.3	U	0.5	U
Indeno(1,2,3-cd)pyrene	0.002	0.05	U	0.051	U	0.1		0.5	U	0.1	U
Isophorone	50	2.82	U	2.750	U	2.8	U	28.2	U	2.8	U
Naphthalene	10	0.15		0.051	U	24.0		0.5	U	0.1	
Nitrobenzene	0.4	0.26	U	0.256	U	0.3	U	2.6	U	0.3	U
N-Nitrosodimethylamine	~	0.53	U	0.513	U	0.5	U	5.3	U	0.5	U
N-nitroso-di-n-propylamine	~	2.69	U	2.630	U	2.7	U	26.9	U	2.7	U
N-Nitrosodiphenylamine	50	5.26	U	5.130	U	5.3	U	52.6	U	5.3	U
Phenanthrene	50	0.05	U	0.051	U	0.3		0.5	U	0.1	U
Pyrene	50	0.05	U	0.051	U	0.2		5.8	D	0.1	U
Pyridine	50	4.12	U	4.010	U	4.1	U	41.2	U	4.1	U
Pesticides, 8081 target list	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1.00		1.000		1.0		1.0		1.0	
4,4'-DDD	0.3	0.00	U	0.004	U	0.0	U	0.0	U	0.0	U
4,4'-DDE	0.2	0.00	U	0.004	U	0.0	U	0.0	U	0.0	U
4,4'-DDT	0.2	0.00	U	0.004	U	0.0	U	0.0	U	0.0	U
Aldrin	~	0.00	U	0.004	U	0.0	U	0.0	U	0.0	U
alpha-BHC	0.01	0.00	U	0.004	U	0.0	U	0.0	U	0.0	U
alpha-Chlordane	~	0.00	U	0.004	U	0.0	U	0.0	U	0.0	U
beta-BHC	0.04	0.00	U	0.004	U	0.0	U	0.0	U	0.0	U
Chlordane, total	0.05	0.02	U	0.020	U	0.0	U	0.0	U	0.0	U
delta-BHC	0.04	0.00	U	0.004	U	0.0	U	0.0	U	0.0	U

Table 2. Groundwater Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID	NYSDEC TOGS	GW-1		GW-2		GW-3		GW-4		GW-5	
Sampling Date	Standards and	42774.0		42774.0		42774.0		42774.0		42774.0	
Client Matrix	Guidance Values -	Water		Water		Water		Water		Water	
Compound	GA	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Dieldrin	0.004	0.00	U	0.002	U	0.0	U	0.0	U	0.0	U
Endosulfan I	~	0.01		0.014		0.0	U	0.0	U	0.0	
Endosulfan II	~	0.00	U	0.004	U	0.0	U	0.0	U	0.0	U
Endosulfan sulfate	~	0.00	U	0.004	U	0.0	U	0.0	U	0.0	U
Endrin	~	0.00	U	0.004	U	0.0	U	0.0	U	0.0	U
Endrin aldehyde	5	0.01	U	0.010	U	0.0	U	0.0	U	0.0	U
Endrin ketone	5	0.01	U	0.010	U	0.0	U	0.0	U	0.0	U
gamma-BHC (Lindane)	0.05	0.00	U	0.004	U	0.0	U	0.0	U	0.0	U
gamma-Chlordane	~	0.01	U	0.010	U	0.0	U	0.0	U	0.0	U
Heptachlor	0.04	0.00	U	0.004	U	0.0	U	0.0	U	0.0	U
Heptachlor epoxide	0.03	0.00	U	0.004	U	0.0	U	0.0	U	0.0	U
Methoxychlor	35	0.00	U	0.004	U	0.0	U	0.0	U	0.0	U
Toxaphene	0.06	0.10	U	0.10	U	0.11	U	0.13	U	0.10	U
Metals, Target Analyte, ICP	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		10.00		1.000		1.0		1.0		1.0	
Aluminum	~	53,900.00		11,900.000		1,950.0		750.0		6,280.0	
Barium	1000	5,240.00		591.000		174.0		243.0		358.0	
Beryllium	3	3.73		1.000	U	1.0	U	1.0	U	1.0	U
Calcium	~	929,000.00		220,000.000		74,800.0		125,000.0		77,200.0	
Chromium	50	108.00		32.400		8.0		5.0	U	18.3	
Copper	200	957.00		49.700		42.3		25.0		67.3	
Iron	~	44,000.00		68,900.000		22,700.0		59,300.0		11,400.0	
Lead	25	247.00		34.900		40.6		91.2		30.0	
Magnesium	35000	372,000.00	B	33,100.000	B	6,510.0	B	18,200.0	B	16,700.0	B
Manganese	300	24,600.00	D	6,110.000		1,230.0		3,770.0		6,320.0	
Nickel	100	229.00		32.500		21.4		38.7		35.3	
Potassium	~	44,000.00		51,100.000		14,900.0		14,500.0		12,200.0	
Selenium	10	108.00		36.000		22.1		19.5		25.6	
Silver	50	5.00	U	5.000	U	5.0	U	5.0	U	5.0	U
Sodium	20000	262,000.00		458,000.000		130,000.0		76,100.0		82,700.0	
Vanadium	~	103.00		56.000		10.0	U	10.0	U	17.0	
Zinc	2000	9,000.00		217.000		449.0		496.0		478.0	
Metals, Target Analyte, ICP Dissolved	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1.00		1.000		1.0		1.0		1.0	
Aluminum	~	55.60	U	55.600	U	55.6	U	55.6	U	55.6	U
Barium	1000	99.40		261.000		176.0		136.0		95.3	
Beryllium	3	1.11	U	1.110	U	1.1	U	1.1	U	1.1	U
Calcium	~	114,000		318,000		114,000		174,000		96,500	
Chromium	50	5.56	U	5.560	U	5.6	U	5.6	U	5.6	U
Copper	200	10.30		14.000		8.0		9.6		10.2	
Iron	~	85.50		63.300		90.7		965.0		43.1	
Lead	25	3.33	U	3.470		3.8		3.3	U	3.3	U
Magnesium	35000	18,900.00		45,900.000		9,790.0		26,900.0		15,100.0	
Manganese	300	5.56	U	1,470.000		1,940.0		5,230.0		5.6	U
Nickel	100	5.56	U	5.560	U	5.6	U	5.9		5.6	U

Table 2. Groundwater Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID	NYSDEC TOGS	GW-1		GW-2		GW-3		GW-4		GW-5	
Sampling Date	Standards and	42774.0		42774.0		42774.0		42774.0		42774.0	
Client Matrix	Guidance Values -	Water		Water		Water		Water		Water	
Compound	GA	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Potassium	~	18,200.00		74,000.000		22,300.0		21,500.0		14,800.0	
Selenium	10	48.00		29.400		11.1	U	11.1	U	30.0	
Silver	50	5.56	U	5.560	U	5.6	U	5.6	U	5.6	U
Sodium	20000	147,000.00		7,380.000		198,000.0		116,000.0		117,000.0	
Vanadium	~	11.10	U	11.100	U	11.1	U	11.1	U	11.1	U
Zinc	2000	58.70		20.100		26.7		15.5		12.2	
Metals, Target Analyte, ICPMS	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		2.00		2.000		2.0		2.0		2.0	
Antimony	3	2.34	D	2.220	U	2.2	U	2.2	U	2.2	U
Arsenic	25	2.22	U	2.220	U	2.2	U	2.2	U	2.2	U
Cadmium	5	1.11	U	1.110	U	1.1	U	1.1	U	1.1	U
Molybdenum	~	8.51	D	8.000	D	12.9	D	11.4	D	10.4	D
Thallium	~	2.22	U	2.220	U	2.2	U	2.2	U	2.2	U
Metals, Target Analyte, ICPMS Dissolved	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		2.00		2.000		2.0		2.0		2.0	
Antimony	3	2.34	D	2.220	U	2.2	U	2.2	U	2.2	U
Arsenic	25	2.22	U	2.220	U	2.2	U	2.2	U	2.2	U
Cadmium	5	1.11	U	1.110	U	1.1	U	1.1	U	1.1	U
Molybdenum	~	8.51	D	8.000	D	12.9	D	11.4	D	10.4	D
Thallium	~	2.22	U	2.220	U	2.2	U	2.2	U	2.2	U
Mercury by 7473	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1.00		1.000		1.0		1.0		1.0	
Mercury	0.7	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
Mercury by 7473, Dissolved	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1.00		1.000		1.0		1.0		1.0	
Mercury	0.7	0.20	U	0.200	U	0.2	U	0.2	U	0.2	U
Polychlorinated Biphenyls (PCB)	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1.00		1.000		1.0		1.0		1.0	
Aroclor 1016	~	0.05	U	0.050	U	0.1	U	0.1	U	0.1	U
Aroclor 1221	~	0.05	U	0.050	U	0.1	U	0.1	U	0.1	U
Aroclor 1232	~	0.05	U	0.050	U	0.1	U	0.1	U	0.1	U
Aroclor 1242	~	0.05	U	0.050	U	0.1	U	0.1	U	0.1	U
Aroclor 1248	~	0.05	U	0.050	U	0.1	U	0.1	U	0.1	U
Aroclor 1254	~	0.05	U	0.050	U	0.1	U	0.1	U	0.1	U
Aroclor 1260	~	0.05	U	0.050	U	0.1	U	0.1	U	0.1	U
Total PCBs	0.09	0.05	U	0.050	U	0.1	U	0.1	U	0.1	U

Table 2. Groundwater Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID	NYSDEC TOGS	GW-6		GW-7		GW-8		GW-RB		TB	
Sampling Date	Standards and	42774.0		42774.0		42774.0		42774.0		2/8/2017	
Client Matrix	Guidance Values -	Water		Water		Water		Water		Water	
Compound	GA	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1.0		20.0		1.0		1.0		1.0	
1,1,1,2-Tetrachloroethane	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1,1-Trichloroethane	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1,2,2-Tetrachloroethane	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1,2-Trichloroethane	1	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethane	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethylene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2,3-Trichlorobenzene	5	0.8	U	0.8	U	0.8	U	0.8	U	0.2	U
1,2,3-Trichloropropane	0.04	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2,4-Trichlorobenzene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2,4-Trimethylbenzene	5	0.4	J	180.0	D	8.4		0.2	U	0.2	U
1,2-Dibromo-3-chloropropane	0.04	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2-Dibromoethane	0.0006	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2-Dichlorobenzene	3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2-Dichloroethane	0.6	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2-Dichloropropane	1	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,3,5-Trimethylbenzene	5	0.2	U	35.0		5.6		0.2	U	0.2	U
1,3-Dichlorobenzene	3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,4-Dichlorobenzene	3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,4-Dioxane	~	40.0	U	40.0	U	40.0	U	40.0	U	40.0	U
2-Butanone	50	0.2	U	6.0		0.8		0.2	U	0.2	U
2-Hexanone	50	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
4-Methyl-2-pentanone	~	0.2	J	0.2	U	0.2	U	0.2	U	0.2	U
Acetone	50	1.1	JB	12.0	B	2.4	B	2.8	B	1.0	U
Acrolein	~	0.2	U	0.2	U	0.2	U	0.4	JB	0.2	U
Acrylonitrile	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Benzene	1	0.2	U	1.0		0.7		0.2	U	0.2	U
Bromochloromethane	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Bromodichloromethane	50	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Bromoform	50	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Bromomethane	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Carbon disulfide	~	0.2	U	4.1		6.0		0.2	U	0.2	U
Carbon tetrachloride	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Chlorobenzene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Chloroethane	5	0.8	U	0.8	U	0.8	U	0.8	U	0.2	U
Chloroform	7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Chloromethane	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
cis-1,2-Dichloroethylene	5	0.2	U	0.5		0.2	U	0.2	U	0.2	U
cis-1,3-Dichloropropylene	0.4	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Cyclohexane	~	0.2	U	35.0		5.4		0.2	U	0.2	U
Dibromochloromethane	50	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Dibromomethane	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Dichlorodifluoromethane	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U

Table 2. Groundwater Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID	NYSDEC TOGS	GW-6		GW-7		GW-8		GW-RB		TB	
Sampling Date	Standards and	42774.0		42774.0		42774.0		42774.0		2/8/2017	
Client Matrix	Guidance Values -	Water		Water		Water		Water		Water	
Compound	GA	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Ethyl Benzene	5	0.2	U	130.0	D	7.0		0.2	U	0.2	U
Hexachlorobutadiene	0.5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Isopropylbenzene	5	0.2	U	32.0		0.8		0.2	U	0.2	U
Methyl acetate	~	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Methyl tert-butyl ether (MTBE)	10	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Methylcyclohexane	~	0.2	U	26.0		1.8		0.2	U	0.2	U
Methylene chloride	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
n-Butylbenzene	5	0.2	U	15.0		0.2	U	0.2	U	0.2	U
n-Propylbenzene	5	0.2	U	36.0	D	1.2		0.2	U	0.2	U
o-Xylene	5	0.2	U	14.0		2.1		0.2	U	0.2	U
p- & m- Xylenes	5	0.5	U	200.0	D	8.0		0.5	U	0.5	U
p-Isopropyltoluene	5	0.2	U	6.4		3.9		0.2	U	0.2	U
sec-Butylbenzene	5	0.2	U	4.6		0.8		0.2	U	0.2	U
Styrene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
tert-Butyl alcohol (TBA)	~	1.0	U	1.0	U	1.3	J	1.3	J	0.5	U
tert-Butylbenzene	5	0.2	U	0.5	J	0.2	U	0.2	U	0.2	U
Tetrachloroethylene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Toluene	5	0.2	U	2.3		0.5		0.2	U	0.2	U
trans-1,2-Dichloroethylene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
trans-1,3-Dichloropropylene	0.4	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Trichloroethylene	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Trichlorofluoromethane	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Vinyl Chloride	2	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Xylenes, Total	5	0.6	U	210.0	D	10.0		0.6	U	0.6	U
Semi-Volatiles, 8270 Base/Neutrals	ug/L	ug/L		ug/L		ug/L		ug/L			
Dilution Factor		1.0		1.0		10.0		1.0			
1,2,4-Trichlorobenzene	5	2.6	U	2.5	U	159.0	U	2.7	U	NT	
1,2-Dichlorobenzene	3	2.6	U	2.5	U	161.0	U	2.7	U	NT	
1,3-Dichlorobenzene	3	2.8	U	2.6	U	168.0	U	2.8	U	NT	
1,4-Dichlorobenzene	3	2.3	U	2.2	U	143.0	U	2.4	U	NT	
2,4-Dinitrotoluene	5	1.7	U	1.6	U	104.0	U	1.7	U	NT	
2,6-Dinitrotoluene	5	1.7	U	1.6	U	104.0	U	1.7	U	NT	
2-Chloronaphthalene	10	2.3	U	2.2	U	142.0	U	2.4	U	NT	
2-Methylnaphthalene	~	2.9	U	3.7	J	178.0	U	3.0	U	NT	
2-Nitroaniline	5	1.8	U	1.7	U	108.0	U	1.8	U	NT	
3,3-Dichlorobenzidine	5	1.3	U	1.3	U	81.9	U	1.4	U	NT	
3-Nitroaniline	5	1.8	U	1.7	U	108.0	U	1.8	U	NT	
4-Bromophenyl phenyl ether	~	1.4	U	1.3	U	85.8	U	1.4	U	NT	
4-Chloroaniline	5	3.1	U	3.0	U	192.0	U	3.2	U	NT	
4-Chlorophenyl phenyl ether	~	2.6	U	2.5	U	158.0	U	2.7	U	NT	
4-Nitroaniline	5	2.8	U	2.7	U	173.0	U	2.9	U	NT	
Acenaphthene	20	0.1	U	0.1	U	3.2	U	0.1	U	NT	
Acenaphthylene	~	0.1	U	0.1	U	3.2	U	0.1	U	NT	
Aniline	5	1.6	U	1.5	U	96.8	U	1.6	U	NT	
Anthracene	50	0.1	U	0.1	J	3.2	U	0.1	U	NT	

Table 2. Groundwater Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID	NYSDEC TOGS	GW-6		GW-7		GW-8		GW-RB		TB	
Sampling Date	Standards and	42774.0		42774.0		42774.0		42774.0		2/8/2017	
Client Matrix	Guidance Values -	Water		Water		Water		Water		Water	
Compound	GA	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Benzo(a)anthracene	0.002	0.1	U	0.1		3.2	U	0.1	U	NT	
Benzo(a)pyrene	0.002	0.1		0.2		3.2	U	0.1	U	NT	
Benzo(b)fluoranthene	0.002	0.2		0.2		3.2	U	0.1	U	NT	
Benzo(g,h,i)perylene	~	0.1		0.1		3.2	U	0.1	U	NT	
Benzo(k)fluoranthene	0.002	0.1		0.2		3.2	U	0.1	U	NT	
Benzyl butyl phthalate	50	0.9	U	0.9	U	55.0	U	0.9	U	NT	
Bis(2-chloroethoxy)methane	5	1.9	U	1.8	U	114.0	U	1.9	U	NT	
Bis(2-chloroethyl)ether	1	1.6	U	1.5	U	96.8	U	1.6	U	NT	
Bis(2-chloroisopropyl)ether	5	3.2	U	3.0	U	193.0	U	3.2	U	NT	
Bis(2-ethylhexyl)phthalate	5	0.5	U	0.5	U	32.3	U	0.5	U	NT	
Carbazole	~	1.4	U	1.3	U	84.5	U	1.4	U	NT	
Chrysene	0.002	0.1		0.1		3.2	U	0.1	U	NT	
Dibenzo(a,h)anthracene	~	0.1	U	0.1	J	3.2	U	0.1	U	NT	
Dibenzofuran	~	2.5	U	2.4	U	155.0	U	2.6	U	NT	
Diethyl phthalate	50	2.7	U	2.6	U	165.0	U	2.8	U	NT	
Dimethyl phthalate	50	2.0	U	1.9	U	123.0	U	2.1	U	NT	
Di-n-butyl phthalate	50	2.2	U	2.1	U	132.0	U	2.2	U	NT	
Di-n-octyl phthalate	50	1.2	U	1.1	U	72.3	U	1.2	U	NT	
Fluoranthene	50	0.1	U	0.2		41.9	JD	0.1	U	NT	
Fluorene	50	0.1	U	0.1		3.2	U	0.1	U	NT	
Hexachlorobenzene	0.04	0.0	U	0.0	U	1.3	U	0.0	U	NT	
Hexachlorobutadiene	0.5	0.5	U	0.5	U	32.3	U	0.5	U	NT	
Hexachlorocyclopentadiene	5	2.7	U	2.5	U	163.0	U	2.7	U	NT	
Hexachloroethane	5	0.5	U	0.5	U	32.3	U	0.5	U	NT	
Indeno(1,2,3-cd)pyrene	0.002	0.1		0.1		3.2	U	0.1	U	NT	
Isophorone	50	2.8	U	2.7	U	173.0	U	2.9	U	NT	
Naphthalene	10	0.1		19.4		3.2	U	0.1	U	NT	
Nitrobenzene	0.4	0.3	U	0.3	U	16.1	U	0.3	U	NT	
N-Nitrosodimethylamine	~	0.5	U	0.5	U	32.3	U	0.5	U	NT	
N-nitroso-di-n-propylamine	~	2.7	U	2.6	U	165.0	U	2.8	U	NT	
N-Nitrosodiphenylamine	50	5.3	U	5.0	U	323.0	U	5.4	U	NT	
Phenanthrene	50	0.1	U	0.2		3.2	U	0.1	U	NT	
Pyrene	50	0.1	J	0.2		199.0	JD	0.1	U	NT	
Pyridine	50	4.1	U	3.9	U	252.0	U	4.2	U	NT	
Pesticides, 8081 target list	ug/L	ug/L		ug/L		ug/L		ug/L			
Dilution Factor		1.0		5.0		1.0		1.0			
4,4'-DDD	0.3	0.0	U	0.0	U	0.0	U	0.0	U	NT	
4,4'-DDE	0.2	0.0	U	0.0	U	0.0	U	0.0	U	NT	
4,4'-DDT	0.2	0.0	U	0.0	U	0.0	U	0.0	U	NT	
Aldrin	~	0.0	U	0.0	U	0.0	U	0.0	U	NT	
alpha-BHC	0.01	0.0	U	0.020	U	0.0	U	0.0	U	NT	
alpha-Chlordane	~	0.0	U	0.0	U	0.0	U	0.0	U	NT	
beta-BHC	0.04	0.0	U	0.0	U	0.0	U	0.0	U	NT	
Chlordane, total	0.05	0.0	U	0.100	U	0.0	U	0.0	U	NT	
delta-BHC	0.04	0.0	U	0.0	U	0.0	U	0.0	U	NT	

Table 2. Groundwater Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID	NYSDEC TOGS	GW-6		GW-7		GW-8		GW-RB		TB	
Sampling Date	Standards and	42774.0		42774.0		42774.0		42774.0		2/8/2017	
Client Matrix	Guidance Values -	Water		Water		Water		Water		Water	
Compound	GA	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Dieldrin	0.004	0.0	U	0.0	U	0.0	U	0.0	U	NT	
Endosulfan I	~	0.0		0.0	U	0.0	U	0.0	U	NT	
Endosulfan II	~	0.0	U	0.0	U	0.0	U	0.0	U	NT	
Endosulfan sulfate	~	0.0	U	0.0	U	0.0	U	0.0	U	NT	
Endrin	~	0.0	U	0.0	U	0.0	U	0.0	U	NT	
Endrin aldehyde	5	0.0	U	0.1	U	0.0	U	0.0	U	NT	
Endrin ketone	5	0.0	U	0.1	U	0.0	U	0.0	U	NT	
gamma-BHC (Lindane)	0.05	0.0	U	0.0	U	0.0	U	0.0	U	NT	
gamma-Chlordane	~	0.0	U	0.1	U	0.0	U	0.0	U	NT	
Heptachlor	0.04	0.0	U	0.0	U	0.0	U	0.0	U	NT	
Heptachlor epoxide	0.03	0.0	U	0.0	U	0.0	U	0.0	U	NT	
Methoxychlor	35	0.0	U	0.0	U	0.0	U	0.0	U	NT	
Toxaphene	0.06	0.103	U	0.5	U	0.133	U	0.111	U	NT	
Metals, Target Analyte, ICP	ug/L	ug/L		ug/L		ug/L		ug/L			
Dilution Factor		1.0		1.0		1.0		1.0			
Aluminum	~	3,950.0		4,170.0		1,250.0		50.0	U	NT	
Barium	1000	407.0		208.0		242.0		10.0	U	NT	
Beryllium	3	1.0	U	1.0	U	1.0	U	1.0	U	NT	
Calcium	~	209,000.0		77,800.0		130,000.0		75.4		NT	
Chromium	50	11.8		15.3		5.6		5.0	U	NT	
Copper	200	27.7		59.1		50.1		3.0	U	NT	
Iron	~	35,400.0		30,400.0		55,900.0		174.0		NT	
Lead	25	18.4		74.8		91.2		3.0	U	NT	
Magnesium	35000	28,900.0	B	7,300.0	B	19,000.0	B	50.0	U	NT	
Manganese	300	3,440.0		1,390.0		3,910.0		5.0	U	NT	
Nickel	100	18.5		28.3		38.1		10.3		NT	
Potassium	~	47,600.0		15,300.0		15,200.0		50.0	U	NT	
Selenium	10	18.1		27.8		20.2		10.0	U	NT	
Silver	50	5.0	U	5.0	U	5.0	U	5.0	U	NT	
Sodium	20000	437,000.0		130,000.0		78,700.0		795.0		NT	
Vanadium	~	28.0		10.0	U	10.0	U	10.0	U	NT	
Zinc	2000	134.0		820.0		396.0		13.7		NT	
Metals, Target Analyte, ICP Dissolved	ug/L	ug/L		ug/L		ug/L					
Dilution Factor		1.0		1.0		1.0					
Aluminum	~	55.6	U	55.6	U	55.6	U	NT		NT	
Barium	1000	253.0		175.0		139.0		NT		NT	
Beryllium	3	1.1	U	1.1	U	1.1	U	NT		NT	
Calcium	~	313,000		115,000		174,000		NT		NT	
Chromium	50	5.6	U	5.6	U	5.6	U	NT		NT	
Copper	200	14.7		8.8		9.6		NT		NT	
Iron	~	269.0		331.0		2,020.0		NT		NT	
Lead	25	3.3	U	3.3	U	3.3	U	NT		NT	
Magnesium	35000	44,900.0		10,100.0		27,000.0		NT		NT	
Manganese	300	1,390.0		1,950.0		5,270.0		NT		NT	
Nickel	100	5.6	U	5.6	U	6.1		NT		NT	

Table 2. Groundwater Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID	NYSDEC TOGS	GW-6		GW-7		GW-8		GW-RB		TB	
Sampling Date	Standards and	42774.0		42774.0		42774.0		42774.0		2/8/2017	
Client Matrix	Guidance Values -	Water		Water		Water		Water		Water	
Compound	GA	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Potassium	~	73,100.0		22,200.0		21,800.0		NT		NT	
Selenium	10	17.4		11.1	U	11.1	U	NT		NT	
Silver	50	5.6	U	5.6	U	5.6	U	NT		NT	
Sodium	20000	7,070.0		200,000.0		113,000.0		NT		NT	
Vanadium	~	11.1	U	11.1	U	11.1	U	NT		NT	
Zinc	2000	26.6		27.0		22.9		NT		NT	
Metals, Target Analyte, ICPMS	ug/L	ug/L		ug/L		ug/L		ug/L			
Dilution Factor		2.0		2.0		2.0		2.0			
Antimony	3	2.2	U	2.2	U	2.2	U	2.2	U	NT	
Arsenic	25	2.2	U	2.2	U	2.2	U	2.2	U	NT	
Cadmium	5	1.1	U	1.1	U	1.1	U	1.1	U	NT	
Molybdenum	~	9.0	D	13.0	D	16.7	D	2.2	U	NT	
Thallium	~	2.2	U	2.2	U	2.2	U	2.2	U	NT	
Metals, Target Analyte, ICPMS Dissolved	ug/L	ug/L		ug/L		ug/L					
Dilution Factor		2.0		2.0		2.0					
Antimony	3	2.2	U	2.2	U	2.2	U	NT		NT	
Arsenic	25	2.2	U	2.2	U	2.2	U	NT		NT	
Cadmium	5	1.1	U	1.1	U	1.1	U	NT		NT	
Molybdenum	~	9.0	D	13.0	D	16.7	D	NT		NT	
Thallium	~	2.2	U	2.2	U	2.2	U	NT		NT	
Mercury by 7473	ug/L	ug/L		ug/L		ug/L		ug/L			
Dilution Factor		1.0		1.0		1.0		1.0			
Mercury	0.7	0.2	U	0.2	U	0.2	U	0.2	U	NT	
Mercury by 7473, Dissolved	ug/L	ug/L		ug/L		ug/L					
Dilution Factor		1.0		1.0		1.0					
Mercury	0.7	0.2	U	0.2	U	0.2	U	NT		NT	
Polychlorinated Biphenyls (PCB)	ug/L	ug/L		ug/L		ug/L		ug/L			
Dilution Factor		1.0		1.0		1.0		1.0			
Aroclor 1016	~	0.1	U	0.1	U	0.1	U	0.1	U	NT	
Aroclor 1221	~	0.1	U	0.1	U	0.1	U	0.1	U	NT	
Aroclor 1232	~	0.1	U	0.1	U	0.1	U	0.1	U	NT	
Aroclor 1242	~	0.1	U	0.1	U	0.1	U	0.1	U	NT	
Aroclor 1248	~	0.1	U	0.1	U	0.1	U	0.1	U	NT	
Aroclor 1254	~	0.1	U	0.1	U	0.1	U	0.1	U	NT	
Aroclor 1260	~	0.1	U	0.1	U	0.1	U	0.1	U	NT	
Total PCBs	0.09	0.1	U	0.1	U	0.1	U	0.1	U	NT	

NOTES:

ug/L = micrograms per liter

Any Regulatory Exceedences are bold and shaded

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

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 3. Soil Vapour Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID	SV-1 2/7/2017		SV-2 2/7/2017		SV-3 2/7/2017		SV-4 2/7/2017		SV-5 2/7/2017		SV-6 2/7/2017		SV-7 2/8/2017	
Sampling Date	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor	
Client Matrix														
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
ug/m3														
Volatile Organics, EPA TO15 Full List														
Dilution Factor	21.09		19.61		21.63		20.83		21.18		16.8		21.36	
1,1,1,2-Tetrachloroethane	14	U	13	U	15	U	14	U	31	D	12	U	15	U
1,1,1-Trichloroethane	12	U	11	U	12	U	11	U	22	D	9.200	U	12	U
1,1,2,2-Tetrachloroethane	14	U	13	U	15	U	14	U	15	U	12	U	15	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	16	U	15	U	17	U	16	U	42	D	13	U	16	U
1,1,2-Trichloroethane	12	U	11	U	12	U	11	U	22	D	9.200	U	12	U
1,1-Dichloroethane	8.500	U	7.900	U	8.800	U	8.400	U	16	D	6.800	U	8.600	U
1,1-Dichloroethylene	8.400	U	7.800	U	8.600	U	8.300	U	14	D	6.700	U	8.500	U
1,2,4-Trichlorobenzene	16	U	15	U	16	U	15	U	130	D	12	U	16	U
1,2,4-Trimethylbenzene	10	U	9.600	U	11	U	10	U	12	D	8.300	U	11	U
1,2-Dibromoethane	16	U	15	U	17	U	16	U	16	U	13	U	16	U
1,2-Dichlorobenzene	13	U	12	U	13	U	13	U	23	D	10	U	13	U
1,2-Dichloroethane	8.500	U	7.900	U	8.800	U	8.400	U	15	D	6.800	U	8.600	U
1,2-Dichloropropane	9.700	U	9.100	U	10	U	9.600	U	16	D	7.800	U	9.900	U
1,2-Dichlorotetrafluoroethane	15	U	14	U	15	U	15	U	43	D	12	U	15	U
1,3,5-Trimethylbenzene	10	U	9.600	U	11	U	10	U	15	D	8.300	U	11	U
1,3-Butadiene	14	U	13	U	14	U	14	U	14	U	11	U	14	U
1,3-Dichlorobenzene	13	U	12	U	13	U	13	U	20	D	10	U	13	U
1,3-Dichloropropane	9.700	U	9.100	U	10	U	9.600	U	9.800	U	7.800	U	9.900	U
1,4-Dichlorobenzene	13	U	12	U	13	U	13	U	14	D	10	U	13	U
1,4-Dioxane	15	U	14	U	16	U	15	U	15	U	12	U	15	U
2-Butanone	6.200	U	5.800	U	6.400	U	6.100	U	7.500	D	5	U	6.300	U
2-Hexanone	17	U	16	U	18	U	17	U	17	U	14	U	18	U
3-Chloropropene	33	U	31	U	34	U	33	U	33	U	26	U	33	U
4-Methyl-2-pentanone	8.600	U	8	U	8.900	U	8.500	U	8.700	U	6.900	U	8.800	U
Acetone	10	U	23	D	25	D	36	D	14	D	8	U	10	D
Acrylonitrile	4.600	U	4.300	U	4.700	U	4.500	U	4.600	U	3.600	U	4.600	U
Benzene	6.700	U	6.300	U	6.900	U	6.700	U	11	D	5.400	U	6.800	U
Benzyl chloride	11	U	10	U	11	U	11	U	11	U	8.700	U	11	U
Bromodichloromethane	14	U	13	U	14	U	14	U	14	U	11	U	14	U
Bromoform	22	U	20	U	22	U	22	U	22	U	17	U	22	U
Bromomethane	8.200	U	7.600	U	8.400	U	8.100	U	27	D	6.500	U	8.300	U
Carbon disulfide	6.600	U	6.100	U	6.700	U	6.500	U	12	D	5.200	U	6.700	U
Carbon tetrachloride	3.300	U	3.100	U	3.400	U	3.300	U	24	D	2.600	U	3.400	U
Chlorobenzene	9.700	U	9	U	10	U	9.600	U	20	D	7.700	U	9.800	U
Chloroethane	5.600	U	5.200	U	5.700	U	5.500	U	5.600	U	4.400	U	5.600	U
Chloroform	10	U	17	D	11	U	10	U	23	D	8.200	U	10	U
Chloromethane	4.400	U	4	U	4.500	U	4.300	U	12	D	3.500	U	4.400	U
cis-1,2-Dichloroethylene	8.400	U	7.800	U	8.600	U	8.300	U	11	D	6.700	U	8.500	U
cis-1,3-Dichloropropylene	9.600	U	8.900	U	9.800	U	9.500	U	9.600	U	7.600	U	9.700	U
Cyclohexane	7.300	U	6.800	U	7.400	U	7.200	U	7.300	U	5.800	U	7.400	U
Dibromochloromethane	18	U	17	U	18	U	18	U	18	U	14	U	18	U
Dichlorodifluoromethane	10	U	9.700	U	11	U	10	U	27	D	8.300	U	11	U

Table 3. Soil Vapour Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID	SV-1 2/7/2017		SV-2 2/7/2017		SV-3 2/7/2017		SV-4 2/7/2017		SV-5 2/7/2017		SV-6 2/7/2017		SV-7 2/8/2017	
Sampling Date	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor	
Client Matrix														
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Ethyl acetate	15	U	14	U	16	U	15	U	15	U	12	U	15	U
Ethyl Benzene	9.200	U	8.500	U	9.400	U	9	U	11	D	7.300	U	9.300	U
Hexachlorobutadiene	22	U	21	U	23	U	22	U	86	D	18	U	23	U
Isopropanol	10	U	9.600	U	11	U	10	U	10	U	8.300	U	11	U
Methyl Methacrylate	8.600	U	8	U	8.900	U	8.500	U	8.700	U	6.900	U	8.700	U
Methyl tert-butyl ether (MTBE)	7.600	U	7.100	U	7.800	U	7.500	U	7.600	U	6.100	U	7.700	U
Methylene chloride	15	U	14	U	15	U	14	U	15	D	12	U	15	U
n-Heptane	8.600	U	8	U	8.900	U	8.500	U	8.700	U	6.900	U	8.800	U
n-Hexane	7.400	U	6.900	U	7.600	U	7.300	U	7.500	U	5.900	U	14	D
o-Xylene	9.200	U	8.500	U	9.400	U	9	U	9.200	U	7.300	U	9.300	U
p- & m- Xylenes	18	U	17	U	19	U	18	U	21	D	15	U	19	U
p-Ethyltoluene	10	U	9.600	U	11	U	10	U	11	D	8.300	U	11	U
Propylene	3.600	U	31	D	23	D	30	D	3.600	U	2.900	U	3.700	U
Styrene	9	U	8.400	U	9.200	U	8.900	U	9	U	7.200	U	9.100	U
Tetrachloroethylene	3.600	U	56	D	32	D	51	D	23	D	2.800	U	35	D
Tetrahydrofuran	12	U	12	U	13	U	12	U	12	U	9.900	U	13	U
Toluene	7.900	U	13	D	11	D	13	D	8	D	6.300	U	23	D
trans-1,2-Dichloroethylene	8.400	U	7.800	U	8.600	U	8.300	U	12	D	6.700	U	8.500	U
trans-1,3-Dichloropropylene	9.600	U	8.900	U	9.800	U	9.500	U	9.600	U	7.600	U	9.700	U
Trichloroethylene	2.800	U	2.600	U	2.900	U	2.800	U	15	D	2.300	U	2.900	U
Trichlorofluoromethane (Freon 11)	12	U	14	D	29	D	32	D	44	D	9.400	U	12	U
Vinyl acetate	7.400	U	6.900	U	7.600	U	7.300	U	7.500	U	5.900	U	7.500	U
Vinyl bromide	9.200	U	8.600	U	9.500	U	9.100	U	9.300	U	7.300	U	9.300	U
Vinyl Chloride	5.400	U	5	U	5.500	U	5.300	U	5.400	U	4.300	U	5.500	U

Table 3. Soil Vapour Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID	SV-8 2/8/2017		SV-9 2/8/2017		SV-10 2/8/2017		SV-11 2/13/2017		SV-12 2/13/2017		OA-1 2/7/2017	
Sampling Date	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Outdoor Ambient Air	
Client Matrix	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Compound	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Volatile Organics, EPA TO15 Full List												
Dilution Factor	23.12		20.57		22.3		19.92		21.09		1	
1,1,1,2-Tetrachloroethane	16	U	14	U	15	U	14	U	14	U	0.690	U
1,1,1-Trichloroethane	13	U	11	U	12	U	11	U	12	U	0.550	U
1,1,2,2-Tetrachloroethane	16	U	14	U	15	U	14	U	14	U	0.690	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	18	U	16	U	17	U	15	U	16	U	1	
1,1,2-Trichloroethane	13	U	11	U	12	U	11	U	12	U	0.550	U
1,1-Dichloroethane	9.400	U	8.300	U	9	U	8.100	U	8.500	U	0.400	U
1,1-Dichloroethylene	9.200	U	8.200	U	8.800	U	7.900	U	8.400	U	0.400	U
1,2,4-Trichlorobenzene	17	U	15	U	17	U	15	U	16	U	0.740	U
1,2,4-Trimethylbenzene	11	U	10	U	11	U	9.800	U	10	U	8.900	
1,2-Dibromoethane	18	U	16	U	17	U	15	U	16	U	0.770	U
1,2-Dichlorobenzene	14	U	12	U	13	U	12	U	13	U	0.600	U
1,2-Dichloroethane	9.400	U	8.300	U	9	U	8.100	U	8.500	U	0.400	U
1,2-Dichloropropane	11	U	9.500	U	10	U	9.200	U	9.700	U	0.460	U
1,2-Dichlorotetrafluoroethane	16	U	14	U	16	U	14	U	15	U	0.700	U
1,3,5-Trimethylbenzene	11	U	10	U	11	U	9.800	U	10	U	3	
1,3-Butadiene	15	U	14	U	15	U	13	U	14	U	0.660	U
1,3-Dichlorobenzene	14	U	12	U	13	U	12	U	13	U	0.600	U
1,3-Dichloropropane	11	U	9.500	U	10	U	9.200	U	9.700	U	0.460	U
1,4-Dichlorobenzene	14	U	12	U	13	U	12	U	13	U	0.600	U
1,4-Dioxane	17	U	15	U	16	U	14	U	15	U	0.720	U
2-Butanone	6.800	U	6.100	U	6.600	U	5.900	D	6.200	U	6	
2-Hexanone	19	U	17	U	18	U	16	U	17	U	0.820	U
3-Chloropropene	36	U	32	U	35	U	31	U	33	U	1.600	U
4-Methyl-2-pentanone	9.500	U	8.400	U	9.100	U	8.200	U	8.600	U	0.410	U
Acetone	17	D	42	D	11	D	23	D	34	D	31	
Acrylonitrile	5	U	4.500	U	4.800	U	4.300	U	4.600	U	0.220	U
Benzene	7.400	U	6.600	U	18	D	48	D	6.700	U	1.900	
Benzyl chloride	12	U	11	U	12	U	10	U	11	U	0.520	U
Bromodichloromethane	15	U	21	D	15	U	13	U	14	U	0.670	U
Bromoform	24	U	21	U	23	U	21	U	22	U	1	U
Bromomethane	9	U	8	U	8.700	U	7.700	U	8.200	U	0.390	U
Carbon disulfide	7.200	D	6.400	U	6.900	U	6.200	U	6.600	U	0.310	U
Carbon tetrachloride	3.600	U	3.200	U	3.500	U	3.100	U	3.300	U	0.690	
Chlorobenzene	11	U	9.500	U	10	U	9.200	U	9.700	U	0.460	U
Chloroethane	6.100	U	5.400	U	5.900	U	5.300	U	5.600	U	0.260	U
Chloroform	11	U	240	D	30	D	9.700	U	10	U	0.490	U
Chloromethane	4.800	U	4.200	U	4.600	U	4.100	U	4.400	U	2.300	
cis-1,2-Dichloroethylene	9.200	U	8.200	U	8.800	U	7.900	U	8.400	U	0.400	U
cis-1,3-Dichloropropylene	10	U	9.300	U	10	U	9	U	9.600	U	0.450	U
Cyclohexane	8	U	7.100	U	10	D	27	D	7.300	U	0.590	
Dibromochloromethane	20	U	18	U	19	U	17	U	18	U	0.850	U
Dichlorodifluoromethane	11	U	10	U	11	U	9.900	U	10	U	3.200	

Table 3. Soil Vapor Sample Analytical Results
Phase II Subsurface Investigation
741 Concourse Village West
Bronx, New York

Sample ID	SV-8 2/8/2017		SV-9 2/8/2017		SV-10 2/8/2017		SV-11 2/13/2017		SV-12 2/13/2017		OA-1 2/7/2017	
Sampling Date	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Outdoor Ambient Air	
Client Matrix												
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Ethyl acetate	17	U	15	U	16	U	14	U	15	U	8.500	
Ethyl Benzene	10	U	8.900	U	21	D	29	D	9.200	U	7.300	
Hexachlorobutadiene	25	U	22	U	24	U	21	U	22	U	1.100	U
Isopropanol	11	U	10	U	11	U	9.800	U	10	U	2.100	
Methyl Methacrylate	9.500	U	8.400	U	9.100	U	8.200	U	8.600	U	0.410	U
Methyl tert-butyl ether (MTBE)	8.300	U	7.400	U	8	U	180	D	7.600	U	0.360	U
Methylene chloride	16	U	14	U	15	U	14	U	15	U	1.500	
n-Heptane	9.500	U	73	D	25	D	200	D	8.600	U	1.200	
n-Hexane	36	D	86	D	37	D	140	D	11	D	2.600	
o-Xylene	10	U	8.900	U	13	D	52	D	9.200	U	8.400	
p- & m- Xylenes	20	U	18	U	35	D	110	D	18	U	26	
p-Ethyltoluene	11	U	10	U	11	U	9.800	U	10	U	9.400	
Propylene	15	D	27	D	3.800	U	40	D	3.600	U	0.170	U
Styrene	9.800	U	8.800	U	9.500	U	8.500	U	9	U	0.430	U
Tetrachloroethylene	14	D	40	D	15	D	8.100	D	3.600	U	1.700	
Tetrahydrofuran	29	D	12	U	31	D	12	U	12	U	0.590	U
Toluene	27	D	34	D	270	D	1,300	D	19	D	12	
trans-1,2-Dichloroethylene	9.200	U	8.200	U	8.800	U	7.900	U	8.400	U	0.400	U
trans-1,3-Dichloropropylene	10	U	9.300	U	10	U	9	U	9.600	U	0.450	U
Trichloroethylene	3.100	U	2.800	U	3	U	2.700	U	2.800	U	0.430	
Trichlorofluoromethane (Freon 11)	13	U	12	U	13	U	11	U	12	U	3.100	
Vinyl acetate	8.100	U	7.200	U	7.900	U	7	U	7.400	U	0.350	U
Vinyl bromide	10	U	9	U	9.800	U	8.700	U	9.200	U	0.440	U
Vinyl Chloride	5.900	U	5.300	U	5.700	U	5.100	U	5.400	U	0.260	U

NOTES:

ug/m3 = micrograms per cubic meter

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

U=analyte not detected at or above the level indicated

Appendix A

Site Photographs

PHOTO 1: Drilling Location at B7



PHOTO 2: Soil boring cores from B-5



PHOTO 3: Work Station



PHOTO 4: B-13 Boring Location



PHOTO 5: B-14 Boring Location



PHOTO 6: B-14 Boring Location



PHOTO 7: B-14 Soil Boring Cores



PHOTO 8: B-15 Drilling Location



PHOTO 9: B-16 Boring Location



PHOTO 10: B-16 Boring Location

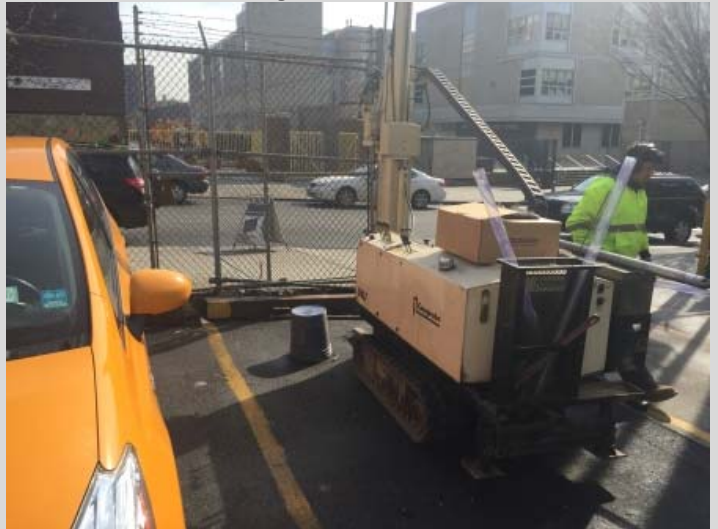


PHOTO 11: Work Area



PHOTO 12: Work Area



PHOTO 13: Drilling Location at B-23



PHOTO 14: Work Station



PHOTO 15: B-10 Soil Boring Cores



PHOTO 16: B-15 Soil Boring Core



PHOTO 17: B-26 Soil Boring Core



PHOTO 18: B-26 Soil Boring Core



Appendix B

Boring Logs



EXPLORATION LOG SOIL BORING (B1)

Boring/Well ID:	B-1	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	N. Recchia	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/7/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):	16.0	Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	Asphalt 4" ~~Black/brown fine to coarse sand & gravel, stone, red brick (fill)~~ Brown fine sand 100%
2								
3								
4	S-2	4-8					0.0	Brown fine sand 100% (SP)
5								
6								
7								
8	S-3	8-12					0.0	Brown fine sand 100% (SP)
9								
10								
11								
12	S-4	12-16					0.0	Brown fine sand 100% (SP)
13								
14								
15								
16								EOB @ 16ft
17								
18								
19								
20								
21								
22								
23								
24								
25								



EXPLORATION LOG SOIL BORING (B2)

Boring/Well ID:	B-2	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	N. Recchia	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/7/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):	16.0	Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	Asphalt 4" ~~Black/brown fine to coarse gravel & sand, concrete, red brick & stone fill~~ Brown fine sand 100%
2								
3								
4	S-2	4-8					0.0	Brown fine sand 100%
5								
6								
7	S-3	8-12					0.0	Brown fine sand 100%
8								
9								
10	S-4	12-16					0.0	Brown fine sand 100%
11								
12								
13								
14								
15								
16								EOB @ 16ft
17								
18								
19								
20								
21								
22								
23								
24								
25								



EXPLORATION LOG SOIL BORING (B3)

Boring/Well ID:	B-3	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	N. Recchia	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/7/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):	16.0	Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	Black fine to coarse sand & gravel, stone (fill)
2								
3								
4	S-2	4-8					0.0	Brown fine sand 100% (SP)
5								
6								
7								
8	S-3	8-12					0.0	Brown fine sand 100%
9								
10								
11								
12	S-4	12-16					0.0	Brown fine sand 100%
13								
14								
15								
16								EOB @ 16ft
17								
18								
19								
20								
21								
22								
23								
24								
25								



EXPLORATION LOG SOIL BORING (B4)

Boring/Well ID:	B-4	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	N. Recchia/S. Nyczak	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/7/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):	16.0	Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	Black fine to coarse sand, concrete, gravel, stone red brick fill (urban fill)
2								
3								
4	S-2	4-8					0.0	Brown fine sand 100% (SP)
5								
6								
7								
8	S-3	8-12					0.0	Brown fine sand 100%
9								
10								
11								
12	S-4	12-16					0.0	Brown fine sand 100%
13								
14								
15								
16								EOB @ 16ft
17								
18								
19								
20								
21								
22								
23								
24								
25								



EXPLORATION LOG SOIL BORING (B5)

Boring/Well ID:	B-5	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	N. Recchia	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/7/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):	16.0	Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	Black fine to coarse sand & gravel, stone, concrete, red brick (fill)
2								
3								
4	S-2	4-8					0.0	Brown fine sand 100%
5								
6								
7								
8	S-3	8-12					0.0	Brown fine sand 100%
9								
10								
11								
12	S-4	12-16					0.0	Brown fine sand 100%
13								
14								
15								
16								EOB @ 16ft
17								
18								
19								
20								
21								
22								
23								
24								
25								



EXPLORATION LOG SOIL BORING (B6)

Boring/Well ID:	B-6	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	N. Recchia	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/7/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):	16.0	Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	Brown/black fine to coarse sand & gravel stone, red brick, concrete urban fill
2								
3								
4	S-2	4-8					0.0	
5								
6								Brown fine sand 100%
7								
8	S-3	8-12					0.0	Brown fine sand 100%
9								
10								
11								
12	S-4	12-16					0.0	Brown fine sand 100%
13								
14								
15								
16								EOB @ 16ft
17								
18								
19								
20								
21								
22								
23								
24								
25								



EXPLORATION LOG SOIL BORING (B7)

Boring/Well ID:	B-7	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	N. Recchia/S. Nyczak	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/7/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):	16.0	Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	Black fine to coarse sand & gravel coal slag/cinders, red brick stone, concrete (urban fill)
2								
3								
4	S-2	4-8					0.0	
5								
6								Brown fine sand 100%
7								
8	S-3	8-12					0.0	Brown fine sand 100%
9								
10								
11								
12	S-4	12-16					0.0	Brown fine sand 100%
13								
14								
15								
16								EOB @ 16ft
17								
18								
19								
20								
21								
22								
23								
24								
25								



EXPLORATION LOG SOIL BORING (B8)

Boring/Well ID:	B-8	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	N. Recchia/S. Nyczak	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/7/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):	16.0	Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	Black fine to coarse sand & gravel coal ash/cinders/slag red brick, stone, & concrete (urban fill)
2								
3								
4	S-2	4-8					0.0	
5								
6								
7								
8	S-3	8-12					0.0	
9								
10								
11								
12	S-4	12-16					0.0	Brown fine sand 100%
13								
14								
15								
16								EOB @ 16ft
17								
18								
19								
20								
21								
22								
23								
24								
25								



EXPLORATION LOG SOIL BORING (B9)

Boring/Well ID:	B-9	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	T. Johansen	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/13/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):	16.0	Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	0-1 Coal ash @ shoe 0-1 slag 1-4 no recovery 1-4
2								
3								
4	S-2	4-8					0.0	No recovery
5								
6								
7								
8	S-3	8-12					0.0	Coal ash fill in foam oily brown fine sand @ 7-3
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								



EXPLORATION LOG SOIL BORING (B10)

Boring/Well ID:	B-10	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	T. Johansen	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/13/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):	16.0	Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	Fill/coal ash/recovery brown sand with glass and debris
2								
3								
4	S-2	4-8					0.0	Brown rocky sand with debris glass
5								
6								
7								
8	S-3	8-12					0.0	8-10 Brown rocky sand with debris glass
9								
10								10-12 Dark brown fine sand
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								



EXPLORATION LOG SOIL BORING (B11)

Boring/Well ID:	B-11	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	T. Johansen	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/13/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):		Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	Fill coal ash/rocky sand/glass debris
2								
3								
4	S-2	4-8					0.0	Fill coal ash/rocky sand/glass debris
5								
6								
7								
8	S-3	8-12					0.0	8-10 Fill
9								
10								10-12 Brown fine sand
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								



EXPLORATION LOG SOIL BORING (B12)

Boring/Well ID:	B-12	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	N. Recchia/S. Nyczak	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/8/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):	16.0	Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	Asphalt
2								Black fine to coarse sand, gravel, stone, red brick
3								coal cinders & ash/slag
4	S-2	4-8					0.0	glass & debris (urban fill)
5								
6								
7								
8	S-3	8-12					0.0	Brown/tan fine to coarse sand 80%
9								fine gravel 20%
10								crushed stone
11								
12	S-4	12-16					0.0	Brown/tan fine to coarse sand 80%
13								fine gravel 20%
14								crushed stone
15								
16								EOB @ 16ft
17								
18								
19								
20								
21								
22								
23								
24								
25								



EXPLORATION LOG SOIL BORING (B13)

Boring/Well ID:	B-13	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	N. Recchia/S. Nyczak	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/8/2017?	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):	16.0	Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	Asphalt Black fine to coarse sand, coal cinders ash, slag, red brick
2								
3								
4	S-2	4-8					0.0	Black fine to coarse sand, coal cinders ash, slag, red brick
5								
6								
7								
8	S-3	8-12					0.0	Black fine to coarse sand, coal cinders ash, slag, red brick
9								
10								
11								
12	S-4	12-16					0.0	Black fine to coarse sand, coal cinders ash, slag, red brick
13								
14								
15								
16								EOB @ 16ft
17								
18								
19								
20								
21								
22								
23								
24								
25								



EXPLORATION LOG SOIL BORING (B14)

Boring/Well ID:	B-14	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	N. Recchia/S. Nyczak	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/8/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):	16.0	Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	Asphalt
2								Black fine to coarse sand 70%
3								fine to coarse gravel 30%
4	S-2	4-8					0.0	coal ash/slag/cinder fill
5								red bricks, concrete & stone
6								
7	S-3	8-12					0.0	Black fine to coarse sand 70%
8								fine to coarse gravel 30%
9								coal ash/slag/cinder fill
10	S-4	12-16					0.0	red bricks, concrete & stone
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								

EOB @ 16ft



EXPLORATION LOG SOIL BORING (B15)

Boring/Well ID:	B-15	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	N. Recchia/S. Nyczak	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/8/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):	16.0	Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	Asphalt Black fine to coarse sand 70% fine to coarse gravel 30% coal ash/slag/cinders glass, red bricks
2								
3								
4	S-2	4-8					0.0	Black fine to coarse sand 70% fine to coarse gravel 30% coal ash/slag/cinders glass, red bricks
5								
6								
7								
8	S-3	8-12					0.0	Black fine to coarse sand 70% fine to coarse gravel 30% coal ash/slag/cinders glass, red bricks
9								
10								
11								
12	S-4	12-16					0.0	Black fine to coarse sand 70% fine to coarse gravel 30% coal ash/slag/cinders glass, red bricks
13								
14								
15								
16								EOB @ 16ft
17								
18								
19								
20								
21								
22								
23								
24								
25								



EXPLORATION LOG SOIL BORING (B16)

Boring/Well ID:	B-16	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	N. Recchia	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/8/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):	16.0	Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	Asphalt Black fine to coarse sand 60% fine to coarse gravel 40% black coal/ash/slag glass, red bricks (urban fill)
2								
3								
4	S-2	4-8					0.0	Black fine to coarse sand 60% fine to coarse gravel 40% black coal/ash/slag glass, red bricks (urban fill)
5								
6								
7								
8	S-3	8-12					0.0	Black fine to coarse sand 60% fine to coarse gravel 40% black coal/ash/slag glass, red bricks (urban fill)
9								
10								
11								
12	S-4	12-16					0.0	Black fine to coarse sand 60% fine to coarse gravel 40% black coal/ash/slag glass, red bricks (urban fill)
13								
14								
15								
16								EOB @ 16ft
17								
18								
19								
20								
21								
22								
23								
24								
25								



EXPLORATION LOG SOIL BORING (B17)

Boring/Well ID:	B-17	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	N. Recchia/S. Nyczak	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/8/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):	16.0	Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	Asphalt Black fine to coarse sand 70% fine to coarse gravel 30% coal ash/slag/cinders red brick (urban fill)
2								
3								
4	S-2	4-8					0.0	Black fine to coarse sand 70% fine to coarse gravel 30% coal ash/slag/cinders red brick (urban fill)
5								
6								
7								
8	S-3	8-12					0.0	Black fine to coarse sand 70% fine to coarse gravel 30% coal ash/slag/cinders red brick (urban fill)
9								
10								
11								
12	S-4	12-16					0.0	Black fine to coarse sand 70% fine to coarse gravel 30% coal ash/slag/cinders red brick (urban fill)
13								
14								
15								
16								EOB @ 16ft
17								
18								
19								
20								
21								
22								
23								
24								
25								



EXPLORATION LOG SOIL BORING (B18)

Boring/Well ID:	B-18	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	N. Recchia/S. Nyczak	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/8/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):	16.0	Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	Asphalt Black fine to coarse sand 60% fine to coarse gravel 40% black coal ash/cinders/slag red brick, glass (urban fill)
2								
3								
4	S-2	4-8					0.0	Black fine to coarse sand 60% fine to coarse gravel 40% black coal ash/cinders/slag red brick, glass (urban fill)
5								
6								
7								
8	S-3	8-12					0.0	Black fine to coarse sand 60% fine to coarse gravel 40% black coal ash/cinders/slag red brick, glass (urban fill)
9								
10								
11								
12	S-4	12-16					0.0	Black fine to coarse sand 60% fine to coarse gravel 40% black coal ash/cinders/slag red brick, glass (urban fill)
13								
14								
15								
16								EOB @ 16ft
17								
18								
19								
20								
21								
22								
23								
24								
25								



EXPLORATION LOG SOIL BORING (B19)

Boring/Well ID:	B-19	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	N. Recchia/S. Nyczak	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/8/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):	16.0	Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	Asphalt Black fine to coarse sand 60% fine to coarse gravel 40% black coal ash/slag/cinders
2								
3								
4	S-2	4-8					0.0	Black fine to coarse sand 60% fine to coarse gravel 40% black coal ash/slag/cinders
5								
6								
7								
8	S-3	8-12					0.0	Black fine to coarse sand 60% fine to coarse gravel 40% black coal ash/slag/cinders
9								
10								
11								
12	S-4	12-16					0.0	Black fine to coarse sand 60% fine to coarse gravel 40% black coal ash/slag/cinders
13								
14								
15								
16								EOB @ 16ft
17								
18								
19								
20								
21								
22								
23								
24								
25								



EXPLORATION LOG SOIL BORING (B22)

Boring/Well ID:	B-22	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	T. Johansen	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/13/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):		Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	Concrete/black coal ash brown sand with rock & ash brown fine sand black coal ash/slag/cinders
2								
3								
4	S-2	4-8					0.0	Very little recovery brown fine to coarse sand with rock
5								
6								
7								
8	S-3	8-13					0.0	Brown well graded sands black rock
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								

Boring/Well ID:	B-23	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	T. Johansen	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/13/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):		Driller:	
		Drilling Method:	Geoprobe LT 5400
Elevation (Ground):		Vertical Datum:	

Depth (feet)		Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4						0.0	Fill/cobbles/regular rock <



EXPLORATION LOG SOIL BORING (B24)

Boring/Well ID:	B-24	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	T. Johansen	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/13/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):		Driller:	
Elevation (Ground):		Drilling Method:	Geoprobe LT 5400
		Vertical Datum:	

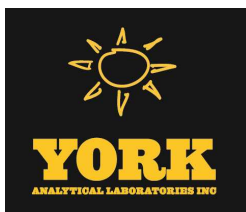
Depth (feet)	Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4					0.0	Tan rocky sand with red sand/fill
2								
3								Brown sand with rock 20%, fine 20%, medium 60%
4	S-2	4-8					0.0	Brown sand with rock
5								
6								
7								Refusal @ 7'
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								

Boring/Well ID:	B-25	Client:	Azimuth Development Group
Project Number:	1700655	Project Name:	Phase II Subsurface Investigation
Logged By:	T. Johansen	Site Address:	741 Concourse Village, Bronx, New York
Date:	2/13/2017	Contractor:	Tri-State Drilling Technologies, Inc.
Total Depth (feet):		Driller:	
		Drilling Method:	Geoprobe LT 5400
Elevation (Ground):		Vertical Datum:	

Depth (feet)		Sample Identification	Sample Interval (feet)	Blows per 6 inches	Penetration (inches)	Recovery (inches)	Stratigraphic Unit	PID Jar HS / Remarks	Sample Description
1	S-1	0-4						0.0	Grey rock with fine to medium sand
2								Refusal @ 3'	
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Appendix C

Analytical Data Reports



Technical Report

prepared for:

GEI Consultants, Inc
110 Walt Whitman Road, Suite 204
Huntington Station NY, 11746
Attention: Nick Recchia

Report Date: 02/23/2017
Client Project ID: 1700655
York Project (SDG) No.: 17B0489

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
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FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 02/23/2017
Client Project ID: 1700655
York Project (SDG) No.: 17B0489

GEI Consultants, Inc
110 Walt Whitman Road, Suite 204
Huntington Station NY, 11746
Attention: Nick Recchia

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 February 14, 2017 and listed below. The project was identified as your project: **1700655**.

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>
17B0489-01	B-20 0-2 ft	Soil	02/13/2017	02/14/2017
17B0489-02	B-21 0-2 ft	Soil	02/13/2017	02/14/2017
17B0489-03	B-22 0-2 ft	Soil	02/13/2017	02/14/2017
17B0489-04	B-22 6-8 ft	Soil	02/13/2017	02/14/2017
17B0489-05	B-22 11-13 ft	Soil	02/13/2017	02/14/2017
17B0489-06	B-23 0-2 ft	Soil	02/13/2017	02/14/2017
17B0489-07	B-24 0-2 ft	Soil	02/13/2017	02/14/2017
17B0489-08	B-24 5-7 ft	Soil	02/13/2017	02/14/2017
17B0489-09	B-25 0-2 ft	Soil	02/13/2017	02/14/2017
17B0489-10	B-9 (0-2)	Soil	02/13/2017	02/14/2017
17B0489-11	B-9 (6-8)	Soil	02/13/2017	02/14/2017
17B0489-12	B-9 (14-16)	Soil	02/13/2017	02/14/2017
17B0489-13	B-10 (0-2)	Soil	02/13/2017	02/14/2017
17B0489-14	B-10 (6-8)	Soil	02/13/2017	02/14/2017
17B0489-15	B-10 (14-16)	Soil	02/13/2017	02/14/2017
17B0489-16	B-11 (0-2')	Soil	02/13/2017	02/14/2017
17B0489-17	B-11 (6-8)	Soil	02/13/2017	02/14/2017
17B0489-18	B-11 (14-16)	Soil	02/13/2017	02/14/2017

General Notes for York Project (SDG) No.: 17B0489

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.
9. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 02/23/2017





Sample Information

Client Sample ID: B-20 0-2 ft

York Sample ID: 17B0489-01

York Project (SDG) No.

17B0489

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 13, 2017 8:30 am

Date Received

02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	32	63	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
78-93-3	2-Butanone	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS



Sample Information

Client Sample ID: B-20 0-2 ft

York Sample ID: 17B0489-01

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:30 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
67-64-1	Acetone	11	SCAL- E, B	ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
107-02-8	Acrolein	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
71-43-2	Benzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
75-25-2	Bromoform	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
67-66-3	Chloroform	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
74-87-3	Chloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
110-82-7	Cyclohexane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
74-95-3	Dibromomethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS



Sample Information

Client Sample ID: B-20 0-2 ft

York Sample ID: 17B0489-01

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:30 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
79-20-9	Methyl acetate	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
75-09-2	Methylene chloride	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/20/2017 23:35	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/20/2017 23:35	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
100-42-5	Styrene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
108-88-3	Toluene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/20/2017 23:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS



Sample Information

Client Sample ID: B-20 0-2 ft

York Sample ID: 17B0489-01

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:30 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.7	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/20/2017 23:35	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %			77-125						
2037-26-5	Surrogate: Toluene-d8	99.7 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	93.1 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.5	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR



Sample Information

Client Sample ID: B-20 0-2 ft

York Sample ID: 17B0489-01

York Project (SDG) No.
17B0489

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February 13, 2017 8:30 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.5	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
83-32-9	Acenaphthene	116		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
208-96-8	Acenaphthylene	88.2	J	ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
62-53-3	Aniline	ND		ug/kg dry	181	362	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
120-12-7	Anthracene	378		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
56-55-3	Benzo(a)anthracene	1070		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
50-32-8	Benzo(a)pyrene	1310		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
205-99-2	Benzo(b)fluoranthene	1020		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
191-24-2	Benzo(g,h,i)perylene	780		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
207-08-9	Benzo(k)fluoranthene	1180		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
117-81-7	Bis(2-ethylhexyl)phthalate	158		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
86-74-8	Carbazole	234		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
218-01-9	Chrysene	1170		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
53-70-3	Dibenzo(a,h)anthracene	331		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
132-64-9	Dibenzofuran	65.8	J	ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR



Sample Information

Client Sample ID: B-20 0-2 ft

York Sample ID: 17B0489-01

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:30 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
206-44-0	Fluoranthene	2220		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
86-73-7	Fluorene	89.0	J	ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
193-39-5	Indeno(1,2,3-cd)pyrene	644		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
78-59-1	Isophorone	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
91-20-3	Naphthalene	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
85-01-8	Phenanthrene	1450		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
129-00-0	Pyrene	2060		ug/kg dry	45.3	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
110-86-1	Pyridine	ND		ug/kg dry	181	362	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 18:37	SR
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	50.0 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	60.6 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	47.2 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: B-20 0-2 ft

York Sample ID: 17B0489-01

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:30 am

Date Received
02/14/2017

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 17:50	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 17:50	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 17:50	SA
309-00-2	Aldrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 17:50	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 17:50	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:43	02/20/2017 17:50	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 17:50	SA
57-74-9	Chlordane, total	ND		ug/kg dry	35.8	35.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 17:50	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 17:50	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 17:50	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 17:50	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 17:50	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 17:50	SA
72-20-8	Endrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 17:50	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 17:50	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 17:50	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 17:50	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:43	02/20/2017 17:50	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 17:50	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 17:50	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.95	8.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 17:50	SA
8001-35-2	Toxaphene	ND		ug/kg dry	90.6	90.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 17:50	SA



Sample Information

Client Sample ID: B-20 0-2 ft

York Sample ID: 17B0489-01

York Project (SDG) No.

17B0489

Client Project ID

1700655

Matrix

Soil

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February 13, 2017 8:30 am

Date Received

02/14/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	58.7 %				30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	56.5 %				30-150					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:00	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:00	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:00	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:00	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:00	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:00	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:00	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications:	02/20/2017 08:43	02/20/2017 19:00	LAB
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	46.0 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	41.0 %				30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6920		mg/kg dry	5.42	5.42	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV
7440-36-0	Antimony	ND		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV
7440-38-2	Arsenic	2.88		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV
7440-39-3	Barium	122		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV
7440-41-7	Beryllium	0.325		mg/kg dry	0.108	0.108	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV



Sample Information

Client Sample ID: B-20 0-2 ft

York Sample ID: 17B0489-01

York Project (SDG) No.
17B0489

Client Project ID
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Matrix
Soil

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February 13, 2017 8:30 am

Date Received
02/14/2017

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
7440-43-9	Cadmium	0.526		mg/kg dry	0.325	0.325	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV
7440-70-2	Calcium	17600		mg/kg dry	0.542	5.42	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV
7440-47-3	Chromium	13.7		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV
7440-48-4	Cobalt	6.35		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV
7440-50-8	Copper	42.9		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV
7439-89-6	Iron	14700		mg/kg dry	2.17	2.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV
7439-92-1	Lead	231		mg/kg dry	0.325	0.325	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV
7439-95-4	Magnesium	3970		mg/kg dry	5.42	5.42	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV
7439-96-5	Manganese	268		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV
7440-02-0	Nickel	15.7		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV
7440-09-7	Potassium	1290		mg/kg dry	5.42	5.42	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV
7782-49-2	Selenium	2.74		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV
7440-22-4	Silver	ND		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV
7440-23-5	Sodium	2150		mg/kg dry	10.8	10.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 13:54	02/16/2017 00:35	KV
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV
7440-62-2	Vanadium	27.9		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV
7440-66-6	Zinc	299		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:35	KV

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	2.29		mg/kg dry	0.0325	0.0325	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/20/2017 04:57	02/20/2017 06:24	ALD

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: B-20 0-2 ft

York Sample ID: 17B0489-01

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:30 am

Date Received
02/14/2017

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	92.2		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/17/2017 15:49	02/17/2017 18:39	TAJ

Sample Information

Client Sample ID: B-21 0-2 ft

York Sample ID: 17B0489-02

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 9:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS



Sample Information

Client Sample ID: B-21 0-2 ft

York Sample ID: 17B0489-02

York Project (SDG) No.

17B0489

Client Project ID

1700655

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	20	40	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
78-93-3	2-Butanone	1.8	J	ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
591-78-6	2-Hexanone	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
67-64-1	Acetone	8.8	SCAL- E, B	ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
107-02-8	Acrolein	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
71-43-2	Benzene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
75-25-2	Bromoform	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
67-66-3	Chloroform	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS



Sample Information

Client Sample ID: B-21 0-2 ft

York Sample ID: 17B0489-02

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
110-82-7	Cyclohexane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
74-95-3	Dibromomethane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
79-20-9	Methyl acetate	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 00:06	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 00:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS



Sample Information

Client Sample ID: B-21 0-2 ft

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York Project (SDG) No.
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
108-88-3	Toluene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:06	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	115 %	77-125								
2037-26-5	Surrogate: Toluene-d8	101 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	104 %	76-130								

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR



Sample Information

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Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
91-57-6	2-Methylnaphthalene	93.8		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
83-32-9	Acenaphthene	395		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
208-96-8	Acenaphthylene	188		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
62-53-3	Aniline	ND		ug/kg dry	175	351	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
120-12-7	Anthracene	1350		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
50-32-8	Benzo(a)pyrene	2280		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
205-99-2	Benzo(b)fluoranthene	2520		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
191-24-2	Benzo(g,h,i)perylene	614		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
207-08-9	Benzo(k)fluoranthene	2450		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
85-68-7	Benzy l butyl phthalate	183		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR



Sample Information

Client Sample ID: B-21 0-2 ft

York Sample ID: 17B0489-02

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 9:00 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	939		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
218-01-9	Chrysene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
53-70-3	Dibenzo(a,h)anthracene	983		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
84-74-2	Di-n-butyl phthalate	59.5	J	ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
206-44-0	Fluoranthene	7410		ug/kg dry	219	438	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 12:42	KH
86-73-7	Fluorene	345		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
193-39-5	Indeno(1,2,3-cd)pyrene	1970		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
78-59-1	Isophorone	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
91-20-3	Naphthalene	103		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
85-01-8	Phenanthrene	5930		ug/kg dry	219	438	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 12:42	KH



Sample Information

Client Sample ID: B-21 0-2 ft

York Sample ID: 17B0489-02

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

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February 13, 2017 9:00 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	5810		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
110-86-1	Pyridine	ND		ug/kg dry	175	351	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:09	SR
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	53.3 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	58.2 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	42.9 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 10:59	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 10:59	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 10:59	SA
309-00-2	Aldrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 10:59	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 10:59	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:43	02/21/2017 10:59	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 10:59	SA
57-74-9	Chlordane, total	ND		ug/kg dry	34.6	34.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 10:59	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 10:59	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 10:59	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 10:59	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 10:59	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 10:59	SA
72-20-8	Endrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 10:59	SA



Sample Information

Client Sample ID: B-21 0-2 ft

York Sample ID: 17B0489-02

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
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February 13, 2017 9:00 am

Date Received
02/14/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 10:59	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 10:59	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 10:59	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:43	02/21/2017 10:59	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 10:59	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 10:59	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.66	8.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 10:59	SA
8001-35-2	Toxaphene	ND		ug/kg dry	87.7	87.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 10:59	SA
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	40.5 %				30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	17.2 %	GC-SC u			30-150					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:24	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:24	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:24	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:24	LAB
12672-29-6	Aroclor 1248	0.211		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:24	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:24	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:24	LAB
1336-36-3	* Total PCBs	0.292		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications:	02/20/2017 08:43	02/20/2017 19:24	LAB
Surrogate Recoveries		Result		Acceptance Range							



Sample Information

Client Sample ID: B-21 0-2 ft

York Sample ID: 17B0489-02

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
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February 13, 2017 9:00 am

Date Received
02/14/2017

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
877-09-8	Surrogate: Tetrachloro-m-xylene	48.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	49.0 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7920		mg/kg dry	5.25	5.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV
7440-36-0	Antimony	ND		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV
7440-38-2	Arsenic	4.81		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV
7440-39-3	Barium	284		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV
7440-41-7	Beryllium	0.332		mg/kg dry	0.105	0.105	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV
7440-43-9	Cadmium	1.29		mg/kg dry	0.315	0.315	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV
7440-70-2	Calcium	14300		mg/kg dry	0.525	5.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV
7440-47-3	Chromium	19.9		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV
7440-48-4	Cobalt	8.49		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV
7440-50-8	Copper	92.6		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV
7439-89-6	Iron	18500		mg/kg dry	2.10	2.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV
7439-92-1	Lead	589		mg/kg dry	0.315	0.315	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV
7439-95-4	Magnesium	3790		mg/kg dry	5.25	5.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV
7439-96-5	Manganese	299		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV
7440-02-0	Nickel	23.4		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV
7440-09-7	Potassium	2180		mg/kg dry	5.25	5.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV
7782-49-2	Selenium	4.16		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV
7440-22-4	Silver	11.7		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV
7440-23-5	Sodium	1240		mg/kg dry	10.5	10.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 13:54	02/16/2017 00:53	KV



Sample Information

Client Sample ID: B-21 0-2 ft

York Sample ID: 17B0489-02

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 9:00 am

Date Received
02/14/2017

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
7440-28-0	Thallium	ND		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV
7440-62-2	Vanadium	46.1		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV
7440-66-6	Zinc	418		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 00:53	KV

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	3.12		mg/kg dry	0.0315	0.0315	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/20/2017 04:57	02/20/2017 07:37	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.3		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/17/2017 15:49	02/17/2017 18:39	TAJ

Sample Information

Client Sample ID: B-22 0-2 ft

York Sample ID: 17B0489-03

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS



Sample Information

Client Sample ID: B-22 0-2 ft

York Sample ID: 17B0489-03

York Project (SDG) No.
17B0489

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
78-93-3	2-Butanone	3.1	J	ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
67-64-1	Acetone	41	SCAL- E, B	ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
107-02-8	Acrolein	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS



Sample Information

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS



Sample Information

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York Sample ID: 17B0489-03

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 00:37	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 00:37	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
100-42-5	Styrene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 00:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 00:37	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %	77-125								
2037-26-5	Surrogate: Toluene-d8	101 %	85-120								



Sample Information

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: <i>p</i> -Bromofluorobenzene	92.4 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.0	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.0	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
83-32-9	Acenaphthene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
208-96-8	Acenaphthylene	69.1	J	ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
62-53-3	Aniline	ND		ug/kg dry	188	376	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
120-12-7	Anthracene	85.6	J	ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR



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Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	306		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
50-32-8	Benzo(a)pyrene	413		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
205-99-2	Benzo(b)fluoranthene	313		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
191-24-2	Benzo(g,h,i)perylene	288		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
207-08-9	Benzo(k)fluoranthene	421		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
86-74-8	Carbazole	53.3	J	ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
218-01-9	Chrysene	357		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
53-70-3	Dibenzo(a,h)anthracene	101		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
206-44-0	Fluoranthene	539		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
86-73-7	Fluorene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR



Sample Information

Client Sample ID: B-22 0-2 ft

York Sample ID: 17B0489-03

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:00 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
193-39-5	Indeno(1,2,3-cd)pyrene	207		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
78-59-1	Isophorone	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
91-20-3	Naphthalene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
85-01-8	Phenanthrene	95.4		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
129-00-0	Pyrene	461		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
110-86-1	Pyridine	ND		ug/kg dry	188	376	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 19:41	SR
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	61.2 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	69.2 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	48.8 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:34	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:34	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:34	SA
309-00-2	Aldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:34	SA



Sample Information

Client Sample ID: B-22 0-2 ft

York Sample ID: 17B0489-03

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:00 am

Date Received
02/14/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:34	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:43	02/20/2017 18:34	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:34	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.2	37.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:34	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:34	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:34	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:34	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:34	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:34	SA
72-20-8	Endrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:34	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:34	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:34	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:34	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:43	02/20/2017 18:34	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:34	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:34	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.30	9.30	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:34	SA
8001-35-2	Toxaphene	ND		ug/kg dry	94.1	94.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:34	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	48.6 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	50.9 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: B-22 0-2 ft

York Sample ID: 17B0489-03

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:00 am

Date Received
02/14/2017

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	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:49	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:49	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:49	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:49	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:49	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:49	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:49	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications:	02/20/2017 08:43	02/20/2017 19:49	LAB
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	46.0 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	45.5 %	30-140								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7260		mg/kg dry	5.63	5.63	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV
7440-36-0	Antimony	ND		mg/kg dry	0.563	0.563	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV
7440-38-2	Arsenic	2.60		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV
7440-39-3	Barium	111		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV
7440-41-7	Beryllium	0.369		mg/kg dry	0.113	0.113	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV
7440-43-9	Cadmium	0.944		mg/kg dry	0.338	0.338	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV
7440-70-2	Calcium	11800		mg/kg dry	0.563	5.63	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV
7440-47-3	Chromium	19.8		mg/kg dry	0.563	0.563	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV
7440-48-4	Cobalt	6.68		mg/kg dry	0.563	0.563	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV
7440-50-8	Copper	140		mg/kg dry	0.563	0.563	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV



Sample Information

Client Sample ID: B-22 0-2 ft

York Sample ID: 17B0489-03

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:00 am

Date Received
02/14/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	16700		mg/kg dry	2.25	2.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV
7439-92-1	Lead	180		mg/kg dry	0.338	0.338	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV
7439-95-4	Magnesium	2940		mg/kg dry	5.63	5.63	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV
7439-96-5	Manganese	225		mg/kg dry	0.563	0.563	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV
7440-02-0	Nickel	15.9		mg/kg dry	0.563	0.563	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV
7440-09-7	Potassium	1010		mg/kg dry	5.63	5.63	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV
7782-49-2	Selenium	3.50		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV
7440-22-4	Silver	ND		mg/kg dry	0.563	0.563	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV
7440-23-5	Sodium	277		mg/kg dry	11.3	11.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 13:54	02/16/2017 01:01	KV
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV
7440-62-2	Vanadium	19.2		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV
7440-66-6	Zinc	338		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:01	KV

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	0.386		mg/kg dry	0.0338	0.0338	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/20/2017 04:57	02/20/2017 07:50	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.8		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/17/2017 15:49	02/17/2017 18:39	TAJ



Sample Information

Client Sample ID: B-22 6-8 ft

York Sample ID: 17B0489-04

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:30 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	95	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS



Sample Information

Client Sample ID: B-22 6-8 ft

York Sample ID: 17B0489-04

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:30 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
67-64-1	Acetone	99	SCAL- E, B	ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
107-02-8	Acrolein	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS



Sample Information

Client Sample ID: B-22 6-8 ft

York Sample ID: 17B0489-04

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:30 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 01:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 01:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
75-65-0	tert-Butyl alcohol (TBA)	2.8	J	ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS



Sample Information

Client Sample ID: B-22 6-8 ft

York Sample ID: 17B0489-04

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:30 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:08	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %			77-125						
2037-26-5	Surrogate: Toluene-d8	100 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	92.7 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
91-57-6	2-Methylnaphthalene	199		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR



Sample Information

Client Sample ID: B-22 6-8 ft

York Sample ID: 17B0489-04

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:30 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.6	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
83-32-9	Acenaphthene	1100		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
208-96-8	Acenaphthylene	60.3	J	ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
62-53-3	Aniline	ND		ug/kg dry	191	383	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
120-12-7	Anthracene	1770		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
56-55-3	Benzo(a)anthracene	2010		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
50-32-8	Benzo(a)pyrene	2150		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
205-99-2	Benzo(b)fluoranthene	2230		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
191-24-2	Benzo(g,h,i)perylene	1060		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
207-08-9	Benzo(k)fluoranthene	1880		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
117-81-7	Bis(2-ethylhexyl)phthalate	93.2	J	ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
86-74-8	Carbazole	1380		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
218-01-9	Chrysene	2040		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
53-70-3	Dibenzo(a,h)anthracene	442		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
132-64-9	Dibenzofuran	603		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR



Sample Information

Client Sample ID: B-22 6-8 ft

York Sample ID: 17B0489-04

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:30 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
206-44-0	Fluoranthene	6150		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 12:10	KH
86-73-7	Fluorene	788		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
193-39-5	Indeno(1,2,3-cd)pyrene	921		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
78-59-1	Isophorone	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
91-20-3	Naphthalene	388		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.9	95.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
85-01-8	Phenanthrene	6700		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 12:10	KH
129-00-0	Pyrene	4610		ug/kg dry	239	478	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 12:10	KH
110-86-1	Pyridine	ND		ug/kg dry	191	383	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:13	SR
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	53.6 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	63.5 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	45.2 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: B-22 6-8 ft

York Sample ID: 17B0489-04

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:30 am

Date Received
02/14/2017

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:49	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:49	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:49	SA
309-00-2	Aldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:49	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:49	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:43	02/20/2017 18:49	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:49	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.8	37.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:49	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:49	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:49	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:49	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:49	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:49	SA
72-20-8	Endrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:49	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:49	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:49	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:49	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:43	02/20/2017 18:49	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:49	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:49	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.45	9.45	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:49	SA
8001-35-2	Toxaphene	ND		ug/kg dry	95.7	95.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 18:49	SA



Sample Information

Client Sample ID: B-22 6-8 ft

York Sample ID: 17B0489-04

York Project (SDG) No.

17B0489

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 13, 2017 10:30 am

Date Received

02/14/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	50.8 %				30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	54.0 %				30-150					

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 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 20:13	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 20:13	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 20:13	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 20:13	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 20:13	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 20:13	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 20:13	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications:	02/20/2017 08:43	02/20/2017 20:13	LAB
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	49.5 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	42.5 %				30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7990		mg/kg dry	5.73	5.73	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV
7440-36-0	Antimony	ND		mg/kg dry	0.573	0.573	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV
7440-39-3	Barium	77.1		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV



Sample Information

Client Sample ID: B-22 6-8 ft

York Sample ID: 17B0489-04

York Project (SDG) No.

17B0489

Client Project ID

1700655

Matrix

Soil

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February 13, 2017 10:30 am

Date Received

02/14/2017

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	0.372		mg/kg dry	0.115	0.115	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.344	0.344	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV
7440-70-2	Calcium	4460		mg/kg dry	0.573	5.73	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV
7440-47-3	Chromium	15.3		mg/kg dry	0.573	0.573	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV
7440-48-4	Cobalt	8.26		mg/kg dry	0.573	0.573	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV
7440-50-8	Copper	28.3		mg/kg dry	0.573	0.573	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV
7439-89-6	Iron	28500		mg/kg dry	2.29	2.29	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV
7439-92-1	Lead	79.2		mg/kg dry	0.344	0.344	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV
7439-95-4	Magnesium	2890		mg/kg dry	5.73	5.73	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV
7439-96-5	Manganese	314		mg/kg dry	0.573	0.573	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV
7440-02-0	Nickel	16.8		mg/kg dry	0.573	0.573	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV
7440-09-7	Potassium	1710		mg/kg dry	5.73	5.73	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV
7782-49-2	Selenium	6.88		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV
7440-22-4	Silver	ND		mg/kg dry	0.573	0.573	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV
7440-23-5	Sodium	279		mg/kg dry	11.5	11.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 13:54	02/16/2017 01:05	KV
7440-28-0	Thallium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV
7440-62-2	Vanadium	19.3		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV
7440-66-6	Zinc	100		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:05	KV

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	1.02		mg/kg dry	0.0344	0.0344	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/20/2017 04:57	02/20/2017 07:58	ALD



Sample Information

Client Sample ID: B-22 6-8 ft

York Sample ID: 17B0489-04

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:30 am

Date Received
02/14/2017

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 Certifications: CTDOH	02/17/2017 15:49	02/17/2017 18:39	TAJ

Sample Information

Client Sample ID: B-22 11-13 ft

York Sample ID: 17B0489-05

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:45 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS



Sample Information

Client Sample ID: B-22 11-13 ft

York Sample ID: 17B0489-05

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:45 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
67-64-1	Acetone	30	SCAL- E, B	ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS



Sample Information

Client Sample ID: B-22 11-13 ft

York Sample ID: 17B0489-05

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:45 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 01:39	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 01:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS



Sample Information

Client Sample ID: B-22 11-13 ft

York Sample ID: 17B0489-05

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:45 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 01:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 01:39	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %	77-125								
2037-26-5	Surrogate: Toluene-d8	102 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	96.0 %	76-130								

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR



Sample Information

Client Sample ID: B-22 11-13 ft

York Sample ID: 17B0489-05

York Project (SDG) No.

17B0489

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 13, 2017 10:45 am

Date Received

02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.9	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.9	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
83-32-9	Acenaphthene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
208-96-8	Acenaphthylene	59.3	J	ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
62-53-3	Aniline	ND		ug/kg dry	188	376	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
120-12-7	Anthracene	131		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
56-55-3	Benzo(a)anthracene	405		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
50-32-8	Benzo(a)pyrene	494		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
205-99-2	Benzo(b)fluoranthene	411		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
191-24-2	Benzo(g,h,i)perylene	276		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
207-08-9	Benzo(k)fluoranthene	480		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR



Sample Information

Client Sample ID: B-22 11-13 ft

York Sample ID: 17B0489-05

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:45 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
86-74-8	Carbazole	84.8	J	ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
218-01-9	Chrysene	459		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
53-70-3	Dibenzo(a,h)anthracene	111		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
206-44-0	Fluoranthene	818		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
86-73-7	Fluorene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
193-39-5	Indeno(1,2,3-cd)pyrene	220		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
78-59-1	Isophorone	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
91-20-3	Naphthalene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR



Sample Information

Client Sample ID: B-22 11-13 ft

York Sample ID: 17B0489-05

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:45 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
85-01-8	Phenanthrene	630		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
129-00-0	Pyrene	754		ug/kg dry	47.1	93.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
110-86-1	Pyridine	ND		ug/kg dry	188	376	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 20:46	SR
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	46.8 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	55.1 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	42.1 %		24-116							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:04	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:04	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:04	SA
309-00-2	Aldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:04	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:04	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:43	02/20/2017 19:04	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:04	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.2	37.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:04	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:04	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:04	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:04	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:04	SA



Sample Information

Client Sample ID: B-22 11-13 ft

York Sample ID: 17B0489-05

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:45 am

Date Received
02/14/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:04	SA
72-20-8	Endrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:04	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:04	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:04	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:04	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:43	02/20/2017 19:04	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:04	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:04	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.29	9.29	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:04	SA
8001-35-2	Toxaphene	ND		ug/kg dry	94.0	94.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 19:04	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	41.0 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	39.6 %	30-150								

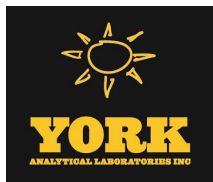
Polychlorinated Biphenyls (PCB)

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	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 20:37	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 20:37	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 20:37	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 20:37	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 20:37	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 20:37	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 20:37	LAB



Sample Information

Client Sample ID: B-22 11-13 ft

York Sample ID: 17B0489-05

York Project (SDG) No.

17B0489

Client Project ID

1700655

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Soil

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February 13, 2017 10:45 am

Date Received

02/14/2017

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A	02/20/2017 08:43	02/20/2017 20:37	LAB
Certifications:											
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	36.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	32.5 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9770		mg/kg dry	5.63	5.63	1	EPA 6010C	02/15/2017 13:54	02/16/2017 01:10	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-36-0	Antimony	ND		mg/kg dry	0.563	0.563	1	EPA 6010C	02/15/2017 13:54	02/16/2017 01:10	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-38-2	Arsenic	2.88		mg/kg dry	1.13	1.13	1	EPA 6010C	02/15/2017 13:54	02/16/2017 01:10	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-39-3	Barium	105		mg/kg dry	1.13	1.13	1	EPA 6010C	02/15/2017 13:54	02/16/2017 01:10	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-41-7	Beryllium	0.429		mg/kg dry	0.113	0.113	1	EPA 6010C	02/15/2017 13:54	02/16/2017 01:10	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-43-9	Cadmium	ND		mg/kg dry	0.338	0.338	1	EPA 6010C	02/15/2017 13:54	02/16/2017 01:10	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-70-2	Calcium	6340		mg/kg dry	0.563	5.63	1	EPA 6010C	02/15/2017 13:54	02/16/2017 01:10	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-47-3	Chromium	22.4		mg/kg dry	0.563	0.563	1	EPA 6010C	02/15/2017 13:54	02/16/2017 01:10	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-48-4	Cobalt	9.54		mg/kg dry	0.563	0.563	1	EPA 6010C	02/15/2017 13:54	02/16/2017 01:10	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-50-8	Copper	59.6		mg/kg dry	0.563	0.563	1	EPA 6010C	02/15/2017 13:54	02/16/2017 01:10	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-89-6	Iron	19900		mg/kg dry	2.25	2.25	1	EPA 6010C	02/15/2017 13:54	02/16/2017 01:10	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-92-1	Lead	178		mg/kg dry	0.338	0.338	1	EPA 6010C	02/15/2017 13:54	02/16/2017 01:10	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-95-4	Magnesium	3340		mg/kg dry	5.63	5.63	1	EPA 6010C	02/15/2017 13:54	02/16/2017 01:10	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-96-5	Manganese	317		mg/kg dry	0.563	0.563	1	EPA 6010C	02/15/2017 13:54	02/16/2017 01:10	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-02-0	Nickel	19.6		mg/kg dry	0.563	0.563	1	EPA 6010C	02/15/2017 13:54	02/16/2017 01:10	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-09-7	Potassium	1820		mg/kg dry	5.63	5.63	1	EPA 6010C	02/15/2017 13:54	02/16/2017 01:10	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7782-49-2	Selenium	4.50		mg/kg dry	1.13	1.13	1	EPA 6010C	02/15/2017 13:54	02/16/2017 01:10	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											



Sample Information

Client Sample ID: B-22 11-13 ft

York Sample ID: 17B0489-05

York Project (SDG) No.
17B0489

Client Project ID
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Matrix
Soil

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February 13, 2017 10:45 am

Date Received
02/14/2017

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
7440-22-4	Silver	ND		mg/kg dry	0.563	0.563	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:10	KV
7440-23-5	Sodium	310		mg/kg dry	11.3	11.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 13:54	02/16/2017 01:10	KV
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:10	KV
7440-62-2	Vanadium	23.0		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:10	KV
7440-66-6	Zinc	152		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:10	KV

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	0.343		mg/kg dry	0.0338	0.0338	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/20/2017 04:57	02/20/2017 08:10	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.8		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/17/2017 15:49	02/17/2017 18:39	TAJ

Sample Information

Client Sample ID: B-23 0-2 ft

York Sample ID: 17B0489-06

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 11:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS



Sample Information

Client Sample ID: B-23 0-2 ft

York Sample ID: 17B0489-06

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 11:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
78-93-3	2-Butanone	4.6	J	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
67-64-1	Acetone	73	SCAL- E, B	ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS



Sample Information

Client Sample ID: B-23 0-2 ft

York Sample ID: 17B0489-06

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 11:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS



Sample Information

Client Sample ID: B-23 0-2 ft

York Sample ID: 17B0489-06

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 11:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 02:11	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 02:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:11	SS



Sample Information

Client Sample ID: B-23 0-2 ft

York Sample ID: 17B0489-06

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 11:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst			
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.1	16	1	EPA 8260C	02/20/2017 18:55	02/21/2017 02:11	SS			
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP					
Surrogate Recoveries		Result	Acceptance Range											
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %	77-125											
2037-26-5	Surrogate: Toluene-d8	102 %	85-120											
460-00-4	Surrogate: p-Bromofluorobenzene	95.3 %	76-130											

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D	02/20/2017 08:49	02/22/2017 21:20	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D	02/20/2017 08:49	02/22/2017 21:20	SR
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D	02/20/2017 08:49	02/22/2017 21:20	SR
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D	02/20/2017 08:49	02/22/2017 21:20	SR
								Certifications:	NELAC-NY10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D	02/20/2017 08:49	02/22/2017 21:20	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D	02/20/2017 08:49	02/22/2017 21:20	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D	02/20/2017 08:49	02/22/2017 21:20	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D	02/20/2017 08:49	02/22/2017 21:20	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.9	95.5	2	EPA 8270D	02/20/2017 08:49	02/22/2017 21:20	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.5	191	2	EPA 8270D	02/20/2017 08:49	02/22/2017 21:20	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.9	95.5	2	EPA 8270D	02/20/2017 08:49	02/22/2017 21:20	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.9	95.5	2	EPA 8270D	02/20/2017 08:49	02/22/2017 21:20	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.9	95.5	2	EPA 8270D	02/20/2017 08:49	02/22/2017 21:20	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.5	191	2	EPA 8270D	02/20/2017 08:49	02/22/2017 21:20	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D	02/20/2017 08:49	02/22/2017 21:20	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: B-23 0-2 ft

York Sample ID: 17B0489-06

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 11:00 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
62-53-3	Aniline	ND		ug/kg dry	191	382	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
120-12-7	Anthracene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
85-68-7	BenzyI butyl phthalate	156		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
117-81-7	Bis(2-ethylhexyl)phthalate	444		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
86-74-8	Carbazole	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
218-01-9	Chrysene	64.9	J	ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
84-74-2	Di-n-butyl phthalate	63.4	J	ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
206-44-0	Fluoranthene	80.1	J	ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR



Sample Information

Client Sample ID: B-23 0-2 ft

York Sample ID: 17B0489-06

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 11:00 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
78-59-1	Isophorone	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
91-20-3	Naphthalene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
85-01-8	Phenanthrene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
129-00-0	Pyrene	76.3	J	ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
110-86-1	Pyridine	ND		ug/kg dry	191	382	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:20	SR
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	57.0 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	68.4 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	50.5 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:04	SA



Sample Information

Client Sample ID: B-23 0-2 ft

York Sample ID: 17B0489-06

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 11:00 am

Date Received
02/14/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:04	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:04	SA
309-00-2	Aldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:04	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:04	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:43	02/20/2017 21:04	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:04	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.8	37.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:04	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:04	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:04	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:04	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:04	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:04	SA
72-20-8	Endrin	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:04	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:04	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:04	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:04	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:43	02/20/2017 21:04	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:04	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.89	1.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:04	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.45	9.45	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:04	SA
8001-35-2	Toxaphene	ND		ug/kg dry	95.6	95.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:04	SA

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: B-23 0-2 ft

York Sample ID: 17B0489-06

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 11:00 am

Date Received
02/14/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	63.6 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	61.0 %			30-150						

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 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:01	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:01	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:01	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:01	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:01	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:01	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:01	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	0.0191	1	EPA 8082A Certifications:	02/20/2017 08:43	02/20/2017 21:01	LAB
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	48.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	49.5 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6380		mg/kg dry	5.72	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV
7440-36-0	Antimony	ND		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV
7440-38-2	Arsenic	3.86		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV
7440-39-3	Barium	35.4		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV
7440-41-7	Beryllium	0.260		mg/kg dry	0.114	0.114	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV



Sample Information

Client Sample ID: B-23 0-2 ft

York Sample ID: 17B0489-06

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 11:00 am

Date Received
02/14/2017

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
7440-43-9	Cadmium	ND		mg/kg dry	0.343	0.343	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV
7440-70-2	Calcium	80600		mg/kg dry	0.572	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV
7440-47-3	Chromium	14.5		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV
7440-48-4	Cobalt	2.90		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV
7440-50-8	Copper	16.2		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV
7439-89-6	Iron	9110		mg/kg dry	2.29	2.29	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV
7439-92-1	Lead	19.3		mg/kg dry	0.343	0.343	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV
7439-95-4	Magnesium	18600		mg/kg dry	5.72	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV
7439-96-5	Manganese	139		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV
7440-02-0	Nickel	9.22		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV
7440-09-7	Potassium	213		mg/kg dry	5.72	5.72	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV
7782-49-2	Selenium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV
7440-22-4	Silver	ND		mg/kg dry	0.572	0.572	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV
7440-23-5	Sodium	849		mg/kg dry	11.4	11.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 13:54	02/16/2017 01:15	KV
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV
7440-62-2	Vanadium	16.1		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV
7440-66-6	Zinc	61.0		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:15	KV

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	0.178		mg/kg dry	0.0343	0.0343	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/20/2017 04:57	02/20/2017 08:18	ALD

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: B-23 0-2 ft

York Sample ID: 17B0489-06

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 11:00 am

Date Received
02/14/2017

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 Certifications: CTDOH	02/17/2017 15:49	02/17/2017 18:39	TAJ

Sample Information

Client Sample ID: B-24 0-2 ft

York Sample ID: 17B0489-07

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 11:30 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS



Sample Information

Client Sample ID: B-24 0-2 ft

York Sample ID: 17B0489-07

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 11:30 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	94	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
78-93-3	2-Butanone	3.0	J	ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
67-64-1	Acetone	30	SCAL- E, B	ug/kg dry	4.7	9.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
107-02-8	Acrolein	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS



Sample Information

Client Sample ID: B-24 0-2 ft

York Sample ID: 17B0489-07

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 11:30 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 02:42	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 02:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS



Sample Information

Client Sample ID: B-24 0-2 ft

York Sample ID: 17B0489-07

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 11:30 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
108-88-3	Toluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 02:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 02:42	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	77-125								
2037-26-5	Surrogate: Toluene-d8	99.8 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	91.3 %	76-130								

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR



Sample Information

Client Sample ID: B-24 0-2 ft

York Sample ID: 17B0489-07

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 11:30 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
83-32-9	Acenaphthene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
62-53-3	Aniline	ND		ug/kg dry	186	372	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
120-12-7	Anthracene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR



Sample Information

Client Sample ID: B-24 0-2 ft

York Sample ID: 17B0489-07

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 11:30 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	55.0	J	ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
86-74-8	Carbazole	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
218-01-9	Chrysene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
206-44-0	Fluoranthene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
86-73-7	Fluorene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
78-59-1	Isophorone	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
91-20-3	Naphthalene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR



Sample Information

Client Sample ID: B-24 0-2 ft

York Sample ID: 17B0489-07

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

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February 13, 2017 11:30 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
85-01-8	Phenanthrene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
129-00-0	Pyrene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
110-86-1	Pyridine	ND		ug/kg dry	186	372	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 21:51	SR
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	57.2 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	68.5 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	46.7 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:19	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:19	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:19	SA
309-00-2	Aldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:19	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:19	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:43	02/20/2017 21:19	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:19	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.8	36.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:19	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:19	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:19	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:19	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:19	SA



Sample Information

Client Sample ID: B-24 0-2 ft

York Sample ID: 17B0489-07

York Project (SDG) No.
17B0489

Client Project ID
1700655

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February 13, 2017 11:30 am

Date Received
02/14/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:19	SA
72-20-8	Endrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:19	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:19	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:19	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:19	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:43	02/20/2017 21:19	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:19	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:19	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.20	9.20	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:19	SA
8001-35-2	Toxaphene	ND		ug/kg dry	93.1	93.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:19	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	56.9 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	55.5 %	30-150								

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	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:25	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:25	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:25	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:25	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:25	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:25	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:25	LAB



Sample Information

Client Sample ID: B-24 0-2 ft

York Sample ID: 17B0489-07

York Project (SDG) No.
17B0489

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1700655

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February 13, 2017 11:30 am

Date Received
02/14/2017

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications:	02/20/2017 08:43	02/20/2017 21:25	LAB
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	48.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	46.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4090		mg/kg dry	5.58	5.58	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV
7440-36-0	Antimony	ND		mg/kg dry	0.558	0.558	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV
7440-38-2	Arsenic	2.02		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV
7440-39-3	Barium	35.6		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV
7440-41-7	Beryllium	0.187		mg/kg dry	0.112	0.112	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV
7440-43-9	Cadmium	0.380		mg/kg dry	0.335	0.335	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV
7440-70-2	Calcium	31900		mg/kg dry	0.558	5.58	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV
7440-47-3	Chromium	9.62		mg/kg dry	0.558	0.558	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV
7440-48-4	Cobalt	2.95		mg/kg dry	0.558	0.558	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV
7440-50-8	Copper	11.5		mg/kg dry	0.558	0.558	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV
7439-89-6	Iron	7040		mg/kg dry	2.23	2.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV
7439-92-1	Lead	31.5		mg/kg dry	0.335	0.335	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV
7439-95-4	Magnesium	2860		mg/kg dry	5.58	5.58	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV
7439-96-5	Manganese	158		mg/kg dry	0.558	0.558	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV
7440-02-0	Nickel	7.73		mg/kg dry	0.558	0.558	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV
7440-09-7	Potassium	455		mg/kg dry	5.58	5.58	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV
7782-49-2	Selenium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV



Sample Information

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Date Received
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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
7440-22-4	Silver	ND		mg/kg dry	0.558	0.558	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV
7440-23-5	Sodium	456		mg/kg dry	11.2	11.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 13:54	02/16/2017 01:20	KV
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV
7440-62-2	Vanadium	11.3		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV
7440-66-6	Zinc	121		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:20	KV

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	0.0648		mg/kg dry	0.0335	0.0335	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/20/2017 04:57	02/20/2017 08:27	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.7		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/17/2017 15:49	02/17/2017 18:39	TAJ

Sample Information

Client Sample ID: B-24 5-7 ft

York Sample ID: 17B0489-08

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 12:00 pm

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS



Sample Information

Client Sample ID: B-24 5-7 ft

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
95-63-6	1,2,4-Trimethylbenzene	69		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
108-67-8	1,3,5-Trimethylbenzene	28		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	42	83	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
78-93-3	2-Butanone	5.1		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
67-64-1	Acetone	94	SCAL- E, B	ug/kg dry	4.2	8.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS



Sample Information

Client Sample ID: B-24 5-7 ft

York Sample ID: 17B0489-08

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 12:00 pm

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	4.2	8.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
71-43-2	Benzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
100-41-4	Ethyl Benzene	4.9		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS



Sample Information

Client Sample ID: B-24 5-7 ft

York Sample ID: 17B0489-08

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 12:00 pm

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	3.8	J	ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
108-87-2	Methylcyclohexane	2.1	J	ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.2	8.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
104-51-8	n-Butylbenzene	11		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
103-65-1	n-Propylbenzene	5.6		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
95-47-6	o-Xylene	22		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 03:13	SS
179601-23-1	p- & m- Xylenes	31	Cal-E	ug/kg dry	4.2	8.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 03:13	SS
99-87-6	p-Isopropyltoluene	6.1		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
135-98-8	sec-Butylbenzene	2.3	J	ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
100-42-5	Styrene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
75-65-0	tert-Butyl alcohol (TBA)	20		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
108-88-3	Toluene	23		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
1330-20-7	Xylenes, Total	52		ug/kg dry	6.2	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:13	SS
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: B-24 5-7 ft

York Sample ID: 17B0489-08

York Project (SDG) No.
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1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 12:00 pm

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %			77-125						
2037-26-5	Surrogate: Toluene-d8	102 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	90.4 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.3	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
83-32-9	Acenaphthene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
62-53-3	Aniline	ND		ug/kg dry	183	366	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR



Sample Information

Client Sample ID: B-24 5-7 ft

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17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 12:00 pm

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
86-74-8	Carbazole	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
218-01-9	Chrysene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
206-44-0	Fluoranthene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
86-73-7	Fluorene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR



Sample Information

Client Sample ID: B-24 5-7 ft

York Sample ID: 17B0489-08

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Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
78-59-1	Isophorone	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
91-20-3	Naphthalene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
85-01-8	Phenanthrene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
129-00-0	Pyrene	ND		ug/kg dry	45.8	91.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
110-86-1	Pyridine	ND		ug/kg dry	183	366	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:23	SR
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	47.0 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	56.1 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	51.2 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:34	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:34	SA



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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:34	SA
309-00-2	Aldrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:34	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:34	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:43	02/20/2017 21:34	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:34	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.1	36.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:34	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:34	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:34	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:34	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:34	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:34	SA
72-20-8	Endrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:34	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:34	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:34	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:34	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:43	02/20/2017 21:34	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:34	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:34	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.03	9.03	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:34	SA
8001-35-2	Toxaphene	ND		ug/kg dry	91.4	91.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:34	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	71.0 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	59.9 %	30-150								



Sample Information

Client Sample ID: B-24 5-7 ft

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:49	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:49	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:49	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:49	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:49	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:49	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 21:49	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications:	02/20/2017 08:43	02/20/2017 21:49	LAB
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	53.5 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	56.5 %	30-140								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	2330		mg/kg dry	5.47	5.47	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV
7440-36-0	Antimony	ND		mg/kg dry	0.547	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV
7440-38-2	Arsenic	1.33		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV
7440-39-3	Barium	17.6		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV
7440-41-7	Beryllium	0.183		mg/kg dry	0.109	0.109	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.328	0.328	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV
7440-70-2	Calcium	7740		mg/kg dry	0.547	5.47	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV
7440-47-3	Chromium	4.53		mg/kg dry	0.547	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV
7440-48-4	Cobalt	2.04		mg/kg dry	0.547	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV



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Metals, Target Analyte

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Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	7.21		mg/kg dry	0.547	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV
7439-89-6	Iron	4800		mg/kg dry	2.19	2.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV
7439-92-1	Lead	19.3		mg/kg dry	0.328	0.328	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV
7439-95-4	Magnesium	807		mg/kg dry	5.47	5.47	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV
7439-96-5	Manganese	76.2		mg/kg dry	0.547	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV
7440-02-0	Nickel	4.64		mg/kg dry	0.547	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV
7440-09-7	Potassium	364		mg/kg dry	5.47	5.47	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV
7782-49-2	Selenium	1.10		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV
7440-22-4	Silver	ND		mg/kg dry	0.547	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV
7440-23-5	Sodium	187		mg/kg dry	10.9	10.9	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 13:54	02/16/2017 01:25	KV
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV
7440-62-2	Vanadium	5.89		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV
7440-66-6	Zinc	119		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:25	KV

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	0.0519		mg/kg dry	0.0328	0.0328	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/20/2017 04:57	02/20/2017 08:35	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.4		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/17/2017 15:49	02/17/2017 18:39	TAJ



Sample Information

Client Sample ID: B-25 0-2 ft

York Sample ID: 17B0489-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0489

1700655

Soil

February 13, 2017 1:00 pm

02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS



Sample Information

Client Sample ID: B-25 0-2 ft

York Sample ID: 17B0489-09

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 1:00 pm

Date Received
02/14/2017

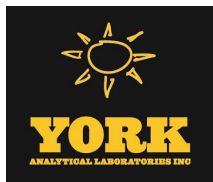
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
67-64-1	Acetone	41	SCAL- E, B	ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
71-43-2	Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS



Sample Information

Client Sample ID: B-25 0-2 ft

York Sample ID: 17B0489-09

York Project (SDG) No.

17B0489

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 13, 2017 1:00 pm

Date Received

02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 03:45	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 03:45	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
100-42-5	Styrene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
108-88-3	Toluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 03:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS



Sample Information

Client Sample ID: B-25 0-2 ft

York Sample ID: 17B0489-09

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 1:00 pm

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 03:45	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %			77-125						
2037-26-5	Surrogate: Toluene-d8	100 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	94.4 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR



Sample Information

Client Sample ID: B-25 0-2 ft

York Sample ID: 17B0489-09

York Project (SDG) No.
17B0489

Client Project ID
1700655

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Soil

Collection Date/Time
February 13, 2017 1:00 pm

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	100	200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
83-32-9	Acenaphthene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
62-53-3	Aniline	ND		ug/kg dry	201	401	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
120-12-7	Anthracene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
56-55-3	Benzo(a)anthracene	80.0	J	ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
50-32-8	Benzo(a)pyrene	88.8	J	ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
205-99-2	Benzo(b)fluoranthene	79.2	J	ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
191-24-2	Benzo(g,h,i)perylene	56.8	J	ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
207-08-9	Benzo(k)fluoranthene	80.8	J	ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
117-81-7	Bis(2-ethylhexyl)phthalate	68.8	J	ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
86-74-8	Carbazole	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
218-01-9	Chrysene	100	J	ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR



Sample Information

Client Sample ID: B-25 0-2 ft

York Sample ID: 17B0489-09

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 1:00 pm

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
206-44-0	Fluoranthene	112		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
86-73-7	Fluorene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
78-59-1	Isophorone	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
91-20-3	Naphthalene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
85-01-8	Phenanthrene	ND		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
129-00-0	Pyrene	103		ug/kg dry	50.2	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
110-86-1	Pyridine	ND		ug/kg dry	201	401	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 22:55	SR
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	37.5 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	45.8 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	36.2 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: B-25 0-2 ft

York Sample ID: 17B0489-09

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 1:00 pm

Date Received
02/14/2017

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	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 22:49	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 22:49	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 22:49	SA
309-00-2	Aldrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 22:49	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 22:49	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:43	02/20/2017 22:49	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 22:49	SA
57-74-9	Chlordane, total	ND		ug/kg dry	39.6	39.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 22:49	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 22:49	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 22:49	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 22:49	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 22:49	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 22:49	SA
72-20-8	Endrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 22:49	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 22:49	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 22:49	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 22:49	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:43	02/20/2017 22:49	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 22:49	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 22:49	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.91	9.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 22:49	SA
8001-35-2	Toxaphene	ND		ug/kg dry	100	100	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/20/2017 22:49	SA



Sample Information

Client Sample ID: B-25 0-2 ft

York Sample ID: 17B0489-09

York Project (SDG) No.

17B0489

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 13, 2017 1:00 pm

Date Received

02/14/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	53.0 %				30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	53.4 %				30-150					

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 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 06:15	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 06:15	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 06:15	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 06:15	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 06:15	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 06:15	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 06:15	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A Certifications:	02/20/2017 08:43	02/21/2017 06:15	LAB
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	39.0 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	35.0 %				30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5020		mg/kg dry	6.00	6.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV
7440-36-0	Antimony	ND		mg/kg dry	0.600	0.600	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV
7440-38-2	Arsenic	1.80		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV
7440-39-3	Barium	52.5		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV
7440-41-7	Beryllium	0.202		mg/kg dry	0.120	0.120	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV



Sample Information

Client Sample ID: B-25 0-2 ft

York Sample ID: 17B0489-09

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 1:00 pm

Date Received
02/14/2017

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
7440-43-9	Cadmium	2.03		mg/kg dry	0.360	0.360	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV
7440-70-2	Calcium	92700		mg/kg dry	0.600	6.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV
7440-47-3	Chromium	9.80		mg/kg dry	0.600	0.600	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV
7440-48-4	Cobalt	4.26		mg/kg dry	0.600	0.600	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV
7440-50-8	Copper	26.3		mg/kg dry	0.600	0.600	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV
7439-89-6	Iron	7190		mg/kg dry	2.40	2.40	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV
7439-92-1	Lead	20.3		mg/kg dry	0.360	0.360	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV
7439-95-4	Magnesium	3260		mg/kg dry	6.00	6.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV
7439-96-5	Manganese	133		mg/kg dry	0.600	0.600	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV
7440-02-0	Nickel	25.8		mg/kg dry	0.600	0.600	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV
7440-09-7	Potassium	350		mg/kg dry	6.00	6.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV
7782-49-2	Selenium	ND		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV
7440-22-4	Silver	ND		mg/kg dry	0.600	0.600	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV
7440-23-5	Sodium	503		mg/kg dry	12.0	12.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 13:54	02/16/2017 01:30	KV
7440-28-0	Thallium	ND		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV
7440-62-2	Vanadium	12.0		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV
7440-66-6	Zinc	313		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 13:54	02/16/2017 01:30	KV

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	0.0360	0.0360	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/20/2017 04:58	02/20/2017 12:03	ALD

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: B-25 0-2 ft

York Sample ID: 17B0489-09

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 1:00 pm

Date Received
02/14/2017

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	83.3		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/17/2017 15:49	02/17/2017 18:39	TAJ

Sample Information

Client Sample ID: B-9 (0-2)

York Sample ID: 17B0489-10

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
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Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS



Sample Information

Client Sample ID: B-9 (0-2)

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York Project (SDG) No.

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02/14/2017

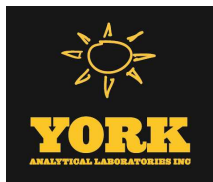
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	75	150	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
591-78-6	2-Hexanone	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
67-64-1	Acetone	42	SCAL- E, B	ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
107-02-8	Acrolein	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
71-43-2	Benzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
75-25-2	Bromoform	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS



Sample Information

Client Sample ID: B-9 (0-2)

York Sample ID: 17B0489-10

York Project (SDG) No.

17B0489

Client Project ID

1700655

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February 13, 2017 8:00 am

Date Received

02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
110-82-7	Cyclohexane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
79-20-9	Methyl acetate	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
75-09-2	Methylene chloride	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 04:16	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 04:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS



Sample Information

Client Sample ID: B-9 (0-2)

York Sample ID: 17B0489-10

York Project (SDG) No.
17B0489

Client Project ID
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February 13, 2017 8:00 am

Date Received
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
108-88-3	Toluene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	11	22	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:16	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %			77-125						
2037-26-5	Surrogate: Toluene-d8	99.5 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	95.9 %			76-130						

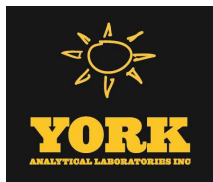
Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR



Sample Information

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Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.9	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.9	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
83-32-9	Acenaphthene	55.5	J	ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
208-96-8	Acenaphthylene	112		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
62-53-3	Aniline	ND		ug/kg dry	174	348	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
120-12-7	Anthracene	196		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
56-55-3	Benzo(a)anthracene	512		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
50-32-8	Benzo(a)pyrene	421		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
205-99-2	Benzo(b)fluoranthene	455		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
191-24-2	Benzo(g,h,i)perylene	277		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
207-08-9	Benzo(k)fluoranthene	488		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
85-68-7	Benzyl butyl phthalate	51.4	J	ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR



Sample Information

Client Sample ID: B-9 (0-2)

York Sample ID: 17B0489-10

York Project (SDG) No.

17B0489

Client Project ID

1700655

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Collection Date/Time

February 13, 2017 8:00 am

Date Received

02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	96.5		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
86-74-8	Carbazole	121		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
218-01-9	Chrysene	658		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
53-70-3	Dibenzo(a,h)anthracene	151		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
206-44-0	Fluoranthene	1050		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
86-73-7	Fluorene	66.0	J	ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
193-39-5	Indeno(1,2,3-cd)pyrene	242		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
78-59-1	Isophorone	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
91-20-3	Naphthalene	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR



Sample Information

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York Sample ID: 17B0489-10

York Project (SDG) No.
17B0489

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Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	766		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
129-00-0	Pyrene	841		ug/kg dry	43.5	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
110-86-1	Pyridine	ND		ug/kg dry	174	348	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:27	SR
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	50.8 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	56.5 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	37.9 %		24-116							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 11:11	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 11:11	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 11:11	SA
309-00-2	Aldrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 11:11	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 11:11	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:43	02/21/2017 11:11	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 11:11	SA
57-74-9	Chlordane, total	ND		ug/kg dry	34.4	34.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 11:11	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 11:11	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 11:11	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 11:11	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 11:11	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 11:11	SA



Sample Information

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York Project (SDG) No.
17B0489

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02/14/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 11:11	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 11:11	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 11:11	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 11:11	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:43	02/21/2017 11:11	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 11:11	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 11:11	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.59	8.59	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 11:11	SA
8001-35-2	Toxaphene	ND		ug/kg dry	87.0	87.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 11:11	SA
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	43.4 %				30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	28.7 %	GC-SC u			30-150					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 07:03	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 07:03	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 07:03	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 07:03	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 07:03	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 07:03	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:43	02/21/2017 07:03	LAB



Sample Information

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A	02/20/2017 08:43	02/21/2017 07:03	LAB
Certifications:											
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	37.5 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	41.0 %	30-140								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3000		mg/kg dry	5.21	5.21	1	EPA 6010C	02/16/2017 15:07	02/16/2017 21:05	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-36-0	Antimony	ND		mg/kg dry	0.521	0.521	1	EPA 6010C	02/16/2017 15:07	02/16/2017 21:05	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-38-2	Arsenic	5.31		mg/kg dry	1.04	1.04	1	EPA 6010C	02/16/2017 15:07	02/16/2017 21:05	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-39-3	Barium	85.8		mg/kg dry	1.04	1.04	1	EPA 6010C	02/16/2017 15:07	02/16/2017 21:05	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-41-7	Beryllium	ND		mg/kg dry	0.104	0.104	1	EPA 6010C	02/16/2017 15:07	02/16/2017 21:05	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-43-9	Cadmium	0.466		mg/kg dry	0.312	0.312	1	EPA 6010C	02/16/2017 15:07	02/16/2017 21:05	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-70-2	Calcium	36500		mg/kg dry	0.521	5.21	1	EPA 6010C	02/16/2017 15:07	02/16/2017 21:05	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-47-3	Chromium	10.8		mg/kg dry	0.521	0.521	1	EPA 6010C	02/16/2017 15:07	02/16/2017 21:05	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-48-4	Cobalt	4.45		mg/kg dry	0.521	0.521	1	EPA 6010C	02/16/2017 15:07	02/16/2017 21:05	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-50-8	Copper	66.2		mg/kg dry	0.521	0.521	1	EPA 6010C	02/16/2017 15:07	02/16/2017 21:05	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-89-6	Iron	16500		mg/kg dry	2.08	2.08	1	EPA 6010C	02/16/2017 15:07	02/16/2017 21:05	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-92-1	Lead	527		mg/kg dry	0.312	0.312	1	EPA 6010C	02/16/2017 15:07	02/16/2017 21:05	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-95-4	Magnesium	16700		mg/kg dry	5.21	5.21	1	EPA 6010C	02/16/2017 15:07	02/16/2017 21:05	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-96-5	Manganese	140		mg/kg dry	0.521	0.521	1	EPA 6010C	02/16/2017 15:07	02/16/2017 21:05	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-02-0	Nickel	12.9		mg/kg dry	0.521	0.521	1	EPA 6010C	02/16/2017 15:07	02/16/2017 21:05	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-09-7	Potassium	875		mg/kg dry	5.21	5.21	1	EPA 6010C	02/16/2017 15:07	02/16/2017 21:05	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7782-49-2	Selenium	2.19		mg/kg dry	1.04	1.04	1	EPA 6010C	02/16/2017 15:07	02/16/2017 21:05	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											



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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
7440-22-4	Silver	ND		mg/kg dry	0.521	0.521	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:05	KV
7440-23-5	Sodium	258	B	mg/kg dry	10.4	10.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 15:07	02/16/2017 21:05	KV
7440-28-0	Thallium	ND		mg/kg dry	1.04	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:05	KV
7440-62-2	Vanadium	23.2		mg/kg dry	1.04	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:05	KV
7440-66-6	Zinc	379		mg/kg dry	1.04	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:05	KV

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	0.403		mg/kg dry	0.0312	0.0312	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/20/2017 04:58	02/20/2017 13:11	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	96.0		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/17/2017 15:49	02/17/2017 18:39	TAJ

Sample Information

Client Sample ID: B-9 (6-8)

York Sample ID: 17B0489-11

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS



Sample Information

Client Sample ID: B-9 (6-8)

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February 13, 2017 8:00 am

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02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS



Sample Information

Client Sample ID: B-9 (6-8)

York Sample ID: 17B0489-11

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	51	SCAL- E, B	ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS



Sample Information

Client Sample ID: B-9 (6-8)

York Sample ID: 17B0489-11

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 04:47	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 04:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
100-42-5	Styrene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
108-88-3	Toluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 04:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS



Sample Information

Client Sample ID: B-9 (6-8)

York Sample ID: 17B0489-11

York Project (SDG) No.
17B0489

Client Project ID
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Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 04:47	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %			77-125						
2037-26-5	Surrogate: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	98.5 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.5	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.5	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR



Sample Information

Client Sample ID: B-9 (6-8)

York Sample ID: 17B0489-11

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17B0489

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February 13, 2017 8:00 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	84.4	J	ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
208-96-8	Acenaphthylene	81.5	J	ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
62-53-3	Aniline	ND		ug/kg dry	179	358	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
120-12-7	Anthracene	333		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
56-55-3	Benzo(a)anthracene	687		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
50-32-8	Benzo(a)pyrene	575		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
205-99-2	Benzo(b)fluoranthene	491		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
191-24-2	Benzo(g,h,i)perylene	335		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
207-08-9	Benzo(k)fluoranthene	611		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
86-74-8	Carbazole	133		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
218-01-9	Chrysene	813		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
53-70-3	Dibenzo(a,h)anthracene	170		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR



Sample Information

Client Sample ID: B-9 (6-8)

York Sample ID: 17B0489-11

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	1510		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
86-73-7	Fluorene	104		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
193-39-5	Indeno(1,2,3-cd)pyrene	293		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
78-59-1	Isophorone	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
91-20-3	Naphthalene	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
85-01-8	Phenanthrene	1160		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
129-00-0	Pyrene	1240		ug/kg dry	44.8	89.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
110-86-1	Pyridine	ND		ug/kg dry	179	358	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/22/2017 23:59	SR
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	49.3 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	56.0 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	41.0 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:22	SA



Sample Information

Client Sample ID: B-9 (6-8)

York Sample ID: 17B0489-11

York Project (SDG) No.

17B0489

Client Project ID

1700655

Matrix

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:22	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:22	SA
309-00-2	Aldrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:22	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:22	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:45	02/21/2017 11:22	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:22	SA
57-74-9	Chlordane, total	ND		ug/kg dry	35.4	35.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:22	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:22	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:22	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:22	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:22	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:22	SA
72-20-8	Endrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:22	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:22	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:22	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:22	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:45	02/21/2017 11:22	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:22	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:22	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.85	8.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:22	SA
8001-35-2	Toxaphene	ND		ug/kg dry	89.6	89.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:22	SA

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: B-9 (6-8)

York Sample ID: 17B0489-11

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
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Date Received
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	55.1 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	45.7 %			30-150						

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	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 22:13	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 22:13	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 22:13	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 22:13	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 22:13	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 22:13	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 22:13	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications:	02/20/2017 08:45	02/20/2017 22:13	LAB
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	52.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	62.0 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5510		mg/kg dry	5.36	5.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV
7440-36-0	Antimony	ND		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV
7440-38-2	Arsenic	3.08		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV
7440-39-3	Barium	68.4		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV
7440-41-7	Beryllium	0.120		mg/kg dry	0.107	0.107	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV



Sample Information

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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
7440-43-9	Cadmium	0.336		mg/kg dry	0.322	0.322	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV
7440-70-2	Calcium	15000		mg/kg dry	0.536	5.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV
7440-47-3	Chromium	11.8		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV
7440-48-4	Cobalt	5.64		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV
7440-50-8	Copper	65.5		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV
7439-89-6	Iron	12000		mg/kg dry	2.15	2.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV
7439-92-1	Lead	133		mg/kg dry	0.322	0.322	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV
7439-95-4	Magnesium	5320		mg/kg dry	5.36	5.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV
7439-96-5	Manganese	181		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV
7440-02-0	Nickel	13.9		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV
7440-09-7	Potassium	1020		mg/kg dry	5.36	5.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV
7782-49-2	Selenium	1.40		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV
7440-22-4	Silver	ND		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV
7440-23-5	Sodium	250	B	mg/kg dry	10.7	10.7	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 15:07	02/16/2017 21:25	KV
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV
7440-62-2	Vanadium	23.4		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV
7440-66-6	Zinc	166		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:25	KV

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	0.331		mg/kg dry	0.0322	0.0322	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/20/2017 04:58	02/20/2017 13:20	ALD

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: B-9 (6-8)

York Sample ID: 17B0489-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0489

1700655

Soil

February 13, 2017 8:00 am

02/14/2017

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.2		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/17/2017 15:49	02/17/2017 18:39	TAJ

Sample Information

Client Sample ID: B-9 (14-16)

York Sample ID: 17B0489-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0489

1700655

Soil

February 13, 2017 8:00 am

02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS



Sample Information

Client Sample ID: B-9 (14-16)

York Sample ID: 17B0489-12

York Project (SDG) No.

17B0489

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 13, 2017 8:00 am

Date Received

02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
78-93-3	2-Butanone	2.7	J	ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
67-64-1	Acetone	160	SCAL- E, B	ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS



Sample Information

Client Sample ID: B-9 (14-16)

York Sample ID: 17B0489-12

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 05:19	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 05:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS



Sample Information

Client Sample ID: B-9 (14-16)

York Sample ID: 17B0489-12

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	3.6	J	ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
108-88-3	Toluene	3.8	J	ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:19	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %	77-125								
2037-26-5	Surrogate: Toluene-d8	99.2 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	94.3 %	76-130								

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR



Sample Information

Client Sample ID: B-9 (14-16)

York Sample ID: 17B0489-12

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.5	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.5	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
83-32-9	Acenaphthene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
208-96-8	Acenaphthylene	63.0	J	ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
62-53-3	Aniline	ND		ug/kg dry	175	351	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
120-12-7	Anthracene	72.8	J	ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
56-55-3	Benzo(a)anthracene	268		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
50-32-8	Benzo(a)pyrene	186		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
205-99-2	Benzo(b)fluoranthene	299		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
191-24-2	Benzo(g,h,i)perylene	185		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
207-08-9	Benzo(k)fluoranthene	311		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR



Sample Information

Client Sample ID: B-9 (14-16)

York Sample ID: 17B0489-12

York Project (SDG) No.

17B0489

Client Project ID

1700655

Matrix

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Collection Date/Time

February 13, 2017 8:00 am

Date Received

02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
218-01-9	Chrysene	311		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
53-70-3	Dibenzo(a,h)anthracene	91.0		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
206-44-0	Fluoranthene	485		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
86-73-7	Fluorene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
193-39-5	Indeno(1,2,3-cd)pyrene	143		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
78-59-1	Isophorone	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
91-20-3	Naphthalene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
85-01-8	Phenanthrene	327		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR



Sample Information

Client Sample ID: B-9 (14-16)

York Sample ID: 17B0489-12

York Project (SDG) No.
17B0489

Client Project ID
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Matrix
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February 13, 2017 8:00 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	409		ug/kg dry	43.9	87.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
110-86-1	Pyridine	ND		ug/kg dry	175	351	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 00:31	SR
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	44.0 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	53.6 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	39.5 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:33	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:33	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:33	SA
309-00-2	Aldrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:33	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:33	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:45	02/21/2017 11:33	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:33	SA
57-74-9	Chlordane, total	ND		ug/kg dry	34.6	34.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:33	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:33	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:33	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:33	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:33	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:33	SA
72-20-8	Endrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:33	SA



Sample Information

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Date Received
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:33	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:33	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:33	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:45	02/21/2017 11:33	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:33	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:33	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.66	8.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:33	SA
8001-35-2	Toxaphene	ND		ug/kg dry	87.6	87.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:33	SA
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	51.2 %		30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	31.6 %		30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 22:37	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 22:37	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 22:37	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 22:37	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 22:37	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 22:37	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 22:37	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications:	02/20/2017 08:45	02/20/2017 22:37	LAB
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	49.0 %		30-140							



Sample Information

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February 13, 2017 8:00 am

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	51.0 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5070		mg/kg dry	5.25	5.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV
7440-36-0	Antimony	ND		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV
7440-38-2	Arsenic	2.15		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV
7440-39-3	Barium	48.5		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV
7440-41-7	Beryllium	0.150		mg/kg dry	0.105	0.105	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.315	0.315	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV
7440-70-2	Calcium	7330		mg/kg dry	0.525	5.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV
7440-47-3	Chromium	10.1		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV
7440-48-4	Cobalt	5.10		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV
7440-50-8	Copper	44.5		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV
7439-89-6	Iron	10700		mg/kg dry	2.10	2.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV
7439-92-1	Lead	245		mg/kg dry	0.315	0.315	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV
7439-95-4	Magnesium	4140		mg/kg dry	5.25	5.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV
7439-96-5	Manganese	176		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV
7440-02-0	Nickel	12.5		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV
7440-09-7	Potassium	677		mg/kg dry	5.25	5.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV
7782-49-2	Selenium	1.18		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV
7440-22-4	Silver	ND		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV
7440-23-5	Sodium	242	B	mg/kg dry	10.5	10.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 15:07	02/16/2017 21:30	KV



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York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

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
7440-28-0	Thallium	ND		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV
7440-62-2	Vanadium	16.4		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV
7440-66-6	Zinc	129		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:30	KV

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	0.0399		mg/kg dry	0.0315	0.0315	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/20/2017 04:58	02/20/2017 13:29	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.3		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/17/2017 15:49	02/17/2017 18:39	TAJ

Sample Information

Client Sample ID: B-10 (0-2)

York Sample ID: 17B0489-13

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS



Sample Information

Client Sample ID: B-10 (0-2)

York Sample ID: 17B0489-13

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	90	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
67-64-1	Acetone	35	SCAL- E, B	ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
107-02-8	Acrolein	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS



Sample Information

Client Sample ID: B-10 (0-2)

York Sample ID: 17B0489-13

York Project (SDG) No.
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Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS



Sample Information

Client Sample ID: B-10 (0-2)

York Sample ID: 17B0489-13

York Project (SDG) No.
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Client Project ID
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Matrix
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Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 05:50	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 05:50	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 05:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 05:50	SS

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: B-10 (0-2)

York Sample ID: 17B0489-13

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %			77-125						
2037-26-5	Surrogate: Toluene-d8	102 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	95.1 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	105	209	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	105	209	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
83-32-9	Acenaphthene	109		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
208-96-8	Acenaphthylene	83.7	J	ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
62-53-3	Aniline	ND		ug/kg dry	210	419	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR



Sample Information

Client Sample ID: B-10 (0-2)

York Sample ID: 17B0489-13

York Project (SDG) No.
17B0489

Client Project ID
1700655

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February 13, 2017 8:00 am

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02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	325		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
56-55-3	Benzo(a)anthracene	909		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
50-32-8	Benzo(a)pyrene	847		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
205-99-2	Benzo(b)fluoranthene	760		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
191-24-2	Benzo(g,h,i)perylene	545		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
207-08-9	Benzo(k)fluoranthene	902		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
86-74-8	Carbazole	201		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
218-01-9	Chrysene	1070		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
53-70-3	Dibenzo(a,h)anthracene	262		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
206-44-0	Fluoranthene	1860		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
86-73-7	Fluorene	96.2	J	ug/kg dry	52.5	105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR



Sample Information

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Date Received
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Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
193-39-5	Indeno(1,2,3-cd)pyrene	498		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
78-59-1	Isophorone	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
91-20-3	Naphthalene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
85-01-8	Phenanthrene	1370		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
129-00-0	Pyrene	1620		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
110-86-1	Pyridine	ND		ug/kg dry	210	419	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:04	SR
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	45.1 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	54.7 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	40.7 %	24-116								

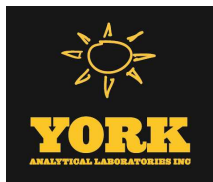
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:44	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:44	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:44	SA



Sample Information

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York Project (SDG) No.

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:44	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:44	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:45	02/21/2017 11:44	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:44	SA
57-74-9	Chlordane, total	ND		ug/kg dry	41.4	41.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:44	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:44	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:44	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:44	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:44	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:44	SA
72-20-8	Endrin	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:44	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:44	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:44	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:44	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:45	02/21/2017 11:44	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:44	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:44	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.4	10.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:44	SA
8001-35-2	Toxaphene	ND		ug/kg dry	105	105	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:44	SA

Surrogate Recoveries		Result	Acceptance Range	
2051-24-3	Surrogate: Decachlorobiphenyl	47.9 %	30-150	
877-09-8	Surrogate: Tetrachloro-m-xylene	25.6 %	30-150	

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Sample Information

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York Sample ID: 17B0489-13

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:01	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:01	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:01	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:01	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:01	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:01	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:01	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications:	02/20/2017 08:45	02/20/2017 23:01	LAB
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	46.0 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	43.0 %	30-140								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4620		mg/kg dry	6.27	6.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV
7440-36-0	Antimony	ND		mg/kg dry	0.627	0.627	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV
7440-38-2	Arsenic	7.07		mg/kg dry	1.25	1.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV
7440-39-3	Barium	674		mg/kg dry	1.25	1.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV
7440-41-7	Beryllium	0.254		mg/kg dry	0.125	0.125	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV
7440-43-9	Cadmium	0.776		mg/kg dry	0.376	0.376	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV
7440-70-2	Calcium	8610		mg/kg dry	0.627	6.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV
7440-47-3	Chromium	16.3		mg/kg dry	0.627	0.627	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV
7440-48-4	Cobalt	6.93		mg/kg dry	0.627	0.627	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV



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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	476		mg/kg dry	0.627	0.627	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV
7439-89-6	Iron	26600		mg/kg dry	2.51	2.51	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV
7439-92-1	Lead	2250		mg/kg dry	0.376	0.376	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV
7439-95-4	Magnesium	2560		mg/kg dry	6.27	6.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV
7439-96-5	Manganese	252		mg/kg dry	0.627	0.627	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV
7440-02-0	Nickel	16.2		mg/kg dry	0.627	0.627	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV
7440-09-7	Potassium	987		mg/kg dry	6.27	6.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV
7782-49-2	Selenium	5.39		mg/kg dry	1.25	1.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV
7440-22-4	Silver	ND		mg/kg dry	0.627	0.627	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV
7440-23-5	Sodium	374	B	mg/kg dry	12.5	12.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 15:07	02/16/2017 21:35	KV
7440-28-0	Thallium	ND		mg/kg dry	1.25	1.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV
7440-62-2	Vanadium	22.9		mg/kg dry	1.25	1.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV
7440-66-6	Zinc	542		mg/kg dry	1.25	1.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:35	KV

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0414	0.0414	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/20/2017 21:07	02/20/2017 21:07	KV

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	79.7		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/17/2017 15:49	02/17/2017 18:39	TAJ



Sample Information

Client Sample ID: B-10 (6-8)

York Sample ID: 17B0489-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0489

1700655

Soil

February 13, 2017 8:00 am

02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS



Sample Information

Client Sample ID: B-10 (6-8)

York Sample ID: 17B0489-14

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
67-64-1	Acetone	42	SCAL- E, B	ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS



Sample Information

Client Sample ID: B-10 (6-8)

York Sample ID: 17B0489-14

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 06:21	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 06:21	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
108-88-3	Toluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS



Sample Information

Client Sample ID: B-10 (6-8)

York Sample ID: 17B0489-14

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:21	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %			77-125						
2037-26-5	Surrogate: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	92.5 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR



Sample Information

Client Sample ID: B-10 (6-8)

York Sample ID: 17B0489-14

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February 13, 2017 8:00 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.0	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
83-32-9	Acenaphthene	88.5	J	ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
208-96-8	Acenaphthylene	1240		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
62-53-3	Aniline	ND		ug/kg dry	186	373	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
120-12-7	Anthracene	1840		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
56-55-3	Benzo(a)anthracene	4550		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
50-32-8	Benzo(a)pyrene	2980		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
205-99-2	Benzo(b)fluoranthene	3340		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
191-24-2	Benzo(g,h,i)perylene	2830		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
207-08-9	Benzo(k)fluoranthene	3060		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
117-81-7	Bis(2-ethylhexyl)phthalate	109		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
86-74-8	Carbazole	489		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
218-01-9	Chrysene	5170		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
53-70-3	Dibenzo(a,h)anthracene	1110		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR



Sample Information

Client Sample ID: B-10 (6-8)

York Sample ID: 17B0489-14

York Project (SDG) No.
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02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
206-44-0	Fluoranthene	7260		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
86-73-7	Fluorene	203		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
193-39-5	Indeno(1,2,3-cd)pyrene	2740		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
78-59-1	Isophorone	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
91-20-3	Naphthalene	75.1	J	ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
85-01-8	Phenanthrene	2850		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
129-00-0	Pyrene	5060		ug/kg dry	46.6	93.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
110-86-1	Pyridine	ND		ug/kg dry	186	373	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 01:38	SR
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	39.3 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	42.1 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	33.0 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: B-10 (6-8)

York Sample ID: 17B0489-14

York Project (SDG) No.

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17B0489

1700655

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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	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:05	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:05	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:05	SA
309-00-2	Aldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:05	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:05	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:45	02/20/2017 18:05	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:05	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.8	36.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:05	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:05	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:05	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:05	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:05	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:05	SA
72-20-8	Endrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:05	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:05	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:05	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:05	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:45	02/20/2017 18:05	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:05	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:05	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.20	9.20	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:05	SA
8001-35-2	Toxaphene	ND		ug/kg dry	93.1	93.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:05	SA



Sample Information

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York Sample ID: 17B0489-14

York Project (SDG) No.
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	55.6 %				30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	53.2 %				30-150					

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	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:25	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:25	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:25	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:25	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:25	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:25	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:25	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications:	02/20/2017 08:45	02/20/2017 23:25	LAB
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	46.0 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	37.0 %				30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3720		mg/kg dry	5.58	5.58	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV
7440-36-0	Antimony	ND		mg/kg dry	0.558	0.558	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV
7440-38-2	Arsenic	1.91		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV
7440-39-3	Barium	209		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV



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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	0.112	0.112	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV
7440-43-9	Cadmium	0.427		mg/kg dry	0.335	0.335	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV
7440-70-2	Calcium	34700		mg/kg dry	0.558	5.58	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV
7440-47-3	Chromium	10.1		mg/kg dry	0.558	0.558	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV
7440-48-4	Cobalt	5.80		mg/kg dry	0.558	0.558	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV
7440-50-8	Copper	66.9		mg/kg dry	0.558	0.558	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV
7439-89-6	Iron	14100		mg/kg dry	2.23	2.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV
7439-92-1	Lead	747		mg/kg dry	0.335	0.335	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV
7439-95-4	Magnesium	11500		mg/kg dry	5.58	5.58	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV
7439-96-5	Manganese	115		mg/kg dry	0.558	0.558	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV
7440-02-0	Nickel	11.0		mg/kg dry	0.558	0.558	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV
7440-09-7	Potassium	1630		mg/kg dry	5.58	5.58	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV
7782-49-2	Selenium	1.78		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV
7440-22-4	Silver	ND		mg/kg dry	0.558	0.558	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV
7440-23-5	Sodium	253	B	mg/kg dry	11.2	11.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 15:07	02/16/2017 21:42	KV
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV
7440-62-2	Vanadium	19.6		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV
7440-66-6	Zinc	228		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:42	KV

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0368	0.0368	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/20/2017 21:07	02/20/2017 21:07	KV



Sample Information

Client Sample ID: B-10 (6-8)

York Sample ID: 17B0489-14

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

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	89.6		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/17/2017 15:49	02/17/2017 18:39	TAJ

Sample Information

Client Sample ID: B-10 (14-16)

York Sample ID: 17B0489-15

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS



Sample Information

Client Sample ID: B-10 (14-16)

York Sample ID: 17B0489-15

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
67-64-1	Acetone	83	SCAL- E, B	ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS



Sample Information

Client Sample ID: B-10 (14-16)

York Sample ID: 17B0489-15

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
79-20-9	Methyl acetate	6.4		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 06:52	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 06:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS



Sample Information

Client Sample ID: B-10 (14-16)

York Sample ID: 17B0489-15

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
100-42-5	Styrene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
108-88-3	Toluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 06:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 06:52	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %	77-125								
2037-26-5	Surrogate: Toluene-d8	101 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	90.7 %	76-130								

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR



Sample Information

Client Sample ID: B-10 (14-16)

York Sample ID: 17B0489-15

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.1	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.1	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
83-32-9	Acenaphthene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
62-53-3	Aniline	ND		ug/kg dry	176	353	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
120-12-7	Anthracene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR



Sample Information

Client Sample ID: B-10 (14-16)

York Sample ID: 17B0489-15

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
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Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
86-74-8	Carbazole	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
218-01-9	Chrysene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
206-44-0	Fluoranthene	45.1	J	ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
86-73-7	Fluorene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
78-59-1	Isophorone	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
91-20-3	Naphthalene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR



Sample Information

Client Sample ID: B-10 (14-16)

York Sample ID: 17B0489-15

York Project (SDG) No.
17B0489

Client Project ID
1700655

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Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
85-01-8	Phenanthrene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
129-00-0	Pyrene	ND		ug/kg dry	44.1	88.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
110-86-1	Pyridine	ND		ug/kg dry	176	353	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:12	SR
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	42.7 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	51.0 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	42.5 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:20	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:20	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:20	SA
309-00-2	Aldrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:20	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:20	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:45	02/20/2017 18:20	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:20	SA
57-74-9	Chlordane, total	ND		ug/kg dry	34.8	34.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:20	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:20	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:20	SA



Sample Information

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York Sample ID: 17B0489-15

York Project (SDG) No.
17B0489

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Date Received
02/14/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:20	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:20	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:20	SA
72-20-8	Endrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:20	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:20	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:20	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:20	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:45	02/20/2017 18:20	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:20	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:20	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.71	8.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:20	SA
8001-35-2	Toxaphene	ND		ug/kg dry	88.2	88.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 18:20	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	61.4 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	54.0 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:49	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:49	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:49	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:49	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:49	LAB



Sample Information

Client Sample ID: B-10 (14-16)

York Sample ID: 17B0489-15

York Project (SDG) No.
17B0489

Client Project ID
1700655

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February 13, 2017 8:00 am

Date Received
02/14/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:49	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 23:49	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications:	02/20/2017 08:45	02/20/2017 23:49	LAB
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	53.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	50.5 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5680		mg/kg dry	5.28	5.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV
7440-36-0	Antimony	ND		mg/kg dry	0.528	0.528	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV
7440-38-2	Arsenic	1.35		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV
7440-39-3	Barium	17.3		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV
7440-41-7	Beryllium	0.256		mg/kg dry	0.106	0.106	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.317	0.317	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV
7440-70-2	Calcium	611		mg/kg dry	0.528	5.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV
7440-47-3	Chromium	7.87		mg/kg dry	0.528	0.528	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV
7440-48-4	Cobalt	4.79		mg/kg dry	0.528	0.528	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV
7440-50-8	Copper	6.88		mg/kg dry	0.528	0.528	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV
7439-89-6	Iron	10300		mg/kg dry	2.11	2.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV
7439-92-1	Lead	3.91		mg/kg dry	0.317	0.317	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV
7439-95-4	Magnesium	2160		mg/kg dry	5.28	5.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV
7439-96-5	Manganese	153		mg/kg dry	0.528	0.528	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV
7440-02-0	Nickel	12.0		mg/kg dry	0.528	0.528	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV



Sample Information

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Matrix

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17B0489

1700655

Soil

February 13, 2017 8:00 am

02/14/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	501		mg/kg dry	5.28	5.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV
7782-49-2	Selenium	1.24		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV
7440-22-4	Silver	ND		mg/kg dry	0.528	0.528	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV
7440-23-5	Sodium	101	B	mg/kg dry	10.6	10.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 15:07	02/16/2017 21:50	KV
7440-28-0	Thallium	ND		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV
7440-62-2	Vanadium	9.52		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV
7440-66-6	Zinc	26.4		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:50	KV

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	0.0317	0.0317	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/20/2017 04:58	02/20/2017 14:01	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.7		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/17/2017 15:49	02/17/2017 18:39	TAJ

Sample Information

Client Sample ID: B-11 (0-2')

York Sample ID: 17B0489-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0489

1700655

Soil

February 13, 2017 8:00 am

02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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



Sample Information

Client Sample ID: B-11 (0-2')

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February 13, 2017 8:00 am

02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
78-93-3	2-Butanone	4.7	J	ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS



Sample Information

Client Sample ID: B-11 (0-2')

York Sample ID: 17B0489-16

York Project (SDG) No.
17B0489

Client Project ID
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Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
67-64-1	Acetone	46	SCAL- E, B	ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS



Sample Information

Client Sample ID: B-11 (0-2')

York Sample ID: 17B0489-16

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 07:23	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:55	02/21/2017 07:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
108-88-3	Toluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:55	02/21/2017 07:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS



Sample Information

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02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:55	02/21/2017 07:23	SS
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %			77-125						
2037-26-5	Surrogate: Toluene-d8	100 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	92.5 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
91-57-6	2-Methylnaphthalene	107		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	97.4	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR



Sample Information

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Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	97.4	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
83-32-9	Acenaphthene	507		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
208-96-8	Acenaphthylene	164		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
62-53-3	Aniline	ND		ug/kg dry	195	390	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
120-12-7	Anthracene	1040		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
56-55-3	Benzo(a)anthracene	2180		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
50-32-8	Benzo(a)pyrene	2000		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
205-99-2	Benzo(b)fluoranthene	1720		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
191-24-2	Benzo(g,h,i)perylene	1190		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
207-08-9	Benzo(k)fluoranthene	1920		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
117-81-7	Bis(2-ethylhexyl)phthalate	62.3	J	ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
86-74-8	Carbazole	846		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
218-01-9	Chrysene	2450		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
53-70-3	Dibenzo(a,h)anthracene	555		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
132-64-9	Dibenzofuran	357		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR



Sample Information

Client Sample ID: B-11 (0-2')

York Sample ID: 17B0489-16

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
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Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
206-44-0	Fluoranthene	5240		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
86-73-7	Fluorene	457		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
193-39-5	Indeno(1,2,3-cd)pyrene	1110		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
78-59-1	Isophorone	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
91-20-3	Naphthalene	266		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
85-01-8	Phenanthrene	4600		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
129-00-0	Pyrene	4190		ug/kg dry	48.8	97.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
110-86-1	Pyridine	ND		ug/kg dry	195	390	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 02:47	SR
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	46.1 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	55.8 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	42.7 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: B-11 (0-2')

York Sample ID: 17B0489-16

York Project (SDG) No.
17B0489

Client Project ID
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Matrix
Soil

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Date Received
02/14/2017

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	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:19	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:19	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:19	SA
309-00-2	Aldrin	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:19	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:19	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:45	02/20/2017 19:19	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:19	SA
57-74-9	Chlordane, total	ND		ug/kg dry	38.5	38.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:19	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:19	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:19	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:19	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:19	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:19	SA
72-20-8	Endrin	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:19	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:19	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:19	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:19	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:45	02/20/2017 19:19	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:19	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:19	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.63	9.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:19	SA
8001-35-2	Toxaphene	ND		ug/kg dry	97.5	97.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:19	SA



Sample Information

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York Project (SDG) No.

17B0489

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	45.6 %				30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	37.9 %				30-150					

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 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 00:13	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 00:13	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 00:13	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 00:13	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 00:13	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 00:13	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 00:13	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications:	02/20/2017 08:45	02/21/2017 00:13	LAB
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	43.5 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	36.0 %				30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5380		mg/kg dry	5.84	5.84	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV
7440-36-0	Antimony	ND		mg/kg dry	0.584	0.584	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV
7440-38-2	Arsenic	5.71		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV
7440-39-3	Barium	370		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV
7440-41-7	Beryllium	0.184		mg/kg dry	0.117	0.117	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV



Sample Information

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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
7440-43-9	Cadmium	1.08		mg/kg dry	0.350	0.350	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV
7440-70-2	Calcium	46100		mg/kg dry	0.584	5.84	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV
7440-47-3	Chromium	15.0		mg/kg dry	0.584	0.584	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV
7440-48-4	Cobalt	6.47		mg/kg dry	0.584	0.584	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV
7440-50-8	Copper	76.2		mg/kg dry	0.584	0.584	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV
7439-89-6	Iron	15800		mg/kg dry	2.34	2.34	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV
7439-92-1	Lead	637		mg/kg dry	0.350	0.350	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV
7439-95-4	Magnesium	5210		mg/kg dry	5.84	5.84	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV
7439-96-5	Manganese	380		mg/kg dry	0.584	0.584	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV
7440-02-0	Nickel	15.3		mg/kg dry	0.584	0.584	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV
7440-09-7	Potassium	1240		mg/kg dry	5.84	5.84	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV
7782-49-2	Selenium	1.87		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV
7440-22-4	Silver	ND		mg/kg dry	0.584	0.584	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV
7440-23-5	Sodium	187	B	mg/kg dry	11.7	11.7	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 15:07	02/16/2017 21:55	KV
7440-28-0	Thallium	ND		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV
7440-62-2	Vanadium	20.7		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV
7440-66-6	Zinc	507		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 21:55	KV

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	2.99		mg/kg dry	0.0350	0.0350	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/20/2017 04:58	02/20/2017 14:09	ALD

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: B-11 (0-2')

York Sample ID: 17B0489-16

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

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	85.6		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/17/2017 15:49	02/17/2017 18:39	TAJ

Sample Information

Client Sample ID: B-11 (6-8)

York Sample ID: 17B0489-17

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK



Sample Information

Client Sample ID: B-11 (6-8)

York Sample ID: 17B0489-17

York Project (SDG) No.

17B0489

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 13, 2017 8:00 am

Date Received

02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	43	87	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
67-64-1	Acetone	23	CCV-E , SCAL- E	ug/kg dry	4.3	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
107-02-8	Acrolein	ND		ug/kg dry	4.3	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
71-43-2	Benzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
75-25-2	Bromoform	ND		ug/kg dry	4.3	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
74-83-9	Bromomethane	ND		ug/kg dry	4.3	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK



Sample Information

Client Sample ID: B-11 (6-8)

York Sample ID: 17B0489-17

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.3	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:48	02/21/2017 08:24	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:48	02/21/2017 08:24	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK



Sample Information

Client Sample ID: B-11 (6-8)

York Sample ID: 17B0489-17

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
108-88-3	Toluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:24	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:24	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	77-125								
2037-26-5	Surrogate: Toluene-d8	104 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	108 %	76-130								

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR



Sample Information

Client Sample ID: B-11 (6-8)

York Sample ID: 17B0489-17

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
91-57-6	2-Methylnaphthalene	3440		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.7	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.7	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
83-32-9	Acenaphthene	9530		ug/kg dry	4590	9170	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 12:54	SR
208-96-8	Acenaphthylene	800		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
62-53-3	Aniline	ND		ug/kg dry	184	367	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
120-12-7	Anthracene	18100		ug/kg dry	4590	9170	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 12:54	SR
56-55-3	Benzo(a)anthracene	22600		ug/kg dry	4590	9170	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 12:54	SR
50-32-8	Benzo(a)pyrene	20800		ug/kg dry	4590	9170	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 12:54	SR
205-99-2	Benzo(b)fluoranthene	21300		ug/kg dry	4590	9170	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 12:54	SR
191-24-2	Benzo(g,h,i)perylene	10200		ug/kg dry	4590	9170	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 12:54	SR
207-08-9	Benzo(k)fluoranthene	25500		ug/kg dry	4590	9170	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 12:54	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR



Sample Information

Client Sample ID: B-11 (6-8)

York Sample ID: 17B0489-17

York Project (SDG) No.

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1700655

Soil

February 13, 2017 8:00 am

02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	522		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
86-74-8	Carbazole	15300		ug/kg dry	4590	9170	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 12:54	SR
218-01-9	Chrysene	24900		ug/kg dry	4590	9170	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 12:54	SR
53-70-3	Dibenzo(a,h)anthracene	6520	J	ug/kg dry	4590	9170	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 12:54	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
206-44-0	Fluoranthene	65300		ug/kg dry	4590	9170	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 12:54	SR
86-73-7	Fluorene	10100		ug/kg dry	4590	9170	200	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 12:54	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
193-39-5	Indeno(1,2,3-cd)pyrene	9090	J	ug/kg dry	4590	9170	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 12:54	SR
78-59-1	Isophorone	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
91-20-3	Naphthalene	6180		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.9	91.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR



Sample Information

Client Sample ID: B-11 (6-8)

York Sample ID: 17B0489-17

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
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Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	81000		ug/kg dry	4590	9170	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 12:54	SR
129-00-0	Pyrene	39200		ug/kg dry	4590	9170	200	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 12:54	SR
110-86-1	Pyridine	ND		ug/kg dry	184	367	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:49	02/23/2017 03:20	SR
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	48.5 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	59.3 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	41.4 %		24-116							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:55	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:55	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:55	SA
309-00-2	Aldrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:55	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:55	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:45	02/21/2017 11:55	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:55	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.3	36.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:55	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:55	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:55	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:55	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:55	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:55	SA



Sample Information

Client Sample ID: B-11 (6-8)

York Sample ID: 17B0489-17

York Project (SDG) No.
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February 13, 2017 8:00 am

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:55	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:55	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:55	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:55	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:45	02/21/2017 11:55	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:55	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:55	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.07	9.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:55	SA
8001-35-2	Toxaphene	ND		ug/kg dry	91.8	91.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 11:55	SA
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	50.0 %				30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	29.0 %	GC-SC u			30-150					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 00:37	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 00:37	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 00:37	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 00:37	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 00:37	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 00:37	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 00:37	LAB



Sample Information

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A	02/20/2017 08:45	02/21/2017 00:37	LAB
Certifications:											
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	53.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	53.5 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4070		mg/kg dry	5.50	5.50	1	EPA 6010C	02/16/2017 15:07	02/16/2017 22:03	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-36-0	Antimony	ND		mg/kg dry	0.550	0.550	1	EPA 6010C	02/16/2017 15:07	02/16/2017 22:03	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-38-2	Arsenic	ND		mg/kg dry	1.10	1.10	1	EPA 6010C	02/16/2017 15:07	02/16/2017 22:03	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-39-3	Barium	88.6		mg/kg dry	1.10	1.10	1	EPA 6010C	02/16/2017 15:07	02/16/2017 22:03	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-41-7	Beryllium	ND		mg/kg dry	0.110	0.110	1	EPA 6010C	02/16/2017 15:07	02/16/2017 22:03	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-43-9	Cadmium	0.333		mg/kg dry	0.330	0.330	1	EPA 6010C	02/16/2017 15:07	02/16/2017 22:03	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-70-2	Calcium	16300		mg/kg dry	0.550	5.50	1	EPA 6010C	02/16/2017 15:07	02/16/2017 22:03	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-47-3	Chromium	9.85		mg/kg dry	0.550	0.550	1	EPA 6010C	02/16/2017 15:07	02/16/2017 22:03	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-48-4	Cobalt	5.65		mg/kg dry	0.550	0.550	1	EPA 6010C	02/16/2017 15:07	02/16/2017 22:03	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-50-8	Copper	86.8		mg/kg dry	0.550	0.550	1	EPA 6010C	02/16/2017 15:07	02/16/2017 22:03	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-89-6	Iron	22100		mg/kg dry	2.20	2.20	1	EPA 6010C	02/16/2017 15:07	02/16/2017 22:03	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-92-1	Lead	304		mg/kg dry	0.330	0.330	1	EPA 6010C	02/16/2017 15:07	02/16/2017 22:03	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-95-4	Magnesium	5770		mg/kg dry	5.50	5.50	1	EPA 6010C	02/16/2017 15:07	02/16/2017 22:03	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-96-5	Manganese	181		mg/kg dry	0.550	0.550	1	EPA 6010C	02/16/2017 15:07	02/16/2017 22:03	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-02-0	Nickel	13.7		mg/kg dry	0.550	0.550	1	EPA 6010C	02/16/2017 15:07	02/16/2017 22:03	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-09-7	Potassium	1190		mg/kg dry	5.50	5.50	1	EPA 6010C	02/16/2017 15:07	02/16/2017 22:03	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7782-49-2	Selenium	3.46		mg/kg dry	1.10	1.10	1	EPA 6010C	02/16/2017 15:07	02/16/2017 22:03	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											



Sample Information

Client Sample ID: B-11 (6-8)

York Sample ID: 17B0489-17

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 8:00 am

Date Received
02/14/2017

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
7440-22-4	Silver	ND		mg/kg dry	0.550	0.550	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:03	KV
7440-23-5	Sodium	257	B	mg/kg dry	11.0	11.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 15:07	02/16/2017 22:03	KV
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:03	KV
7440-62-2	Vanadium	17.5		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:03	KV
7440-66-6	Zinc	297		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:03	KV

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	1.40		mg/kg dry	0.0330	0.0330	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/20/2017 04:58	02/20/2017 14:22	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.0		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/20/2017 11:47	02/20/2017 13:58	TAJ

Sample Information

Client Sample ID: B-11 (14-16)

York Sample ID: 17B0489-18

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:56	BK



Sample Information

Client Sample ID: B-11 (14-16)

York Sample ID: 17B0489-18

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:56	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:56	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:56	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:56	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:56	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:56	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:56	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:56	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	60	120	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
78-93-3	2-Butanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK



Sample Information

Client Sample ID: B-11 (14-16)

York Sample ID: 17B0489-18

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	26	CCV-E	ug/kg dry	6.0	12	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
			SCAL-E					Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-02-8	Acrolein	ND		ug/kg dry	6.0	12	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
								Certifications:	NELAC-NY10854,NJDEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	6.0	12	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	6.0	12	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
								Certifications:	NELAC-NY10854,NJDEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
								Certifications:	NELAC-NY10854,NJDEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
								Certifications:	NELAC-NY10854,NJDEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/20/2017 18:48	02/21/2017 08:56	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: B-11 (14-16)

York Sample ID: 17B0489-18

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
75-09-2	Methylene chloride	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:56	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:48	02/21/2017 08:56	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/20/2017 18:48	02/21/2017 08:56	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
100-42-5	Styrene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:56	BK
108-88-3	Toluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:56	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/20/2017 18:48	02/21/2017 08:56	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:56	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:56	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:56	BK



Sample Information

Client Sample ID: B-11 (14-16)

York Sample ID: 17B0489-18

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:00 am

Date Received
02/14/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:56	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.1	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 18:48	02/21/2017 08:56	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	115 %			77-125						
2037-26-5	Surrogate: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	103 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
91-57-6	2-Methylnaphthalene	264	J	ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	473	944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	473	944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR



Sample Information

Client Sample ID: B-11 (14-16)

York Sample ID: 17B0489-18

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:00 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	238	J	ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
62-53-3	Aniline	ND		ug/kg dry	946	1890	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
120-12-7	Anthracene	559		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
56-55-3	Benzo(a)anthracene	941		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
50-32-8	Benzo(a)pyrene	824		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
205-99-2	Benzo(b)fluoranthene	831		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
191-24-2	Benzo(g,h,i)perylene	514		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
207-08-9	Benzo(k)fluoranthene	990		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
86-74-8	Carbazole	431	J	ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
218-01-9	Chrysene	1020		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
53-70-3	Dibenzo(a,h)anthracene	280	J	ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
117-84-0	Di-n-octyl phthalate	1190		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR



Sample Information

Client Sample ID: B-11 (14-16)

York Sample ID: 17B0489-18

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:00 am

Date Received
02/14/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	2460		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
86-73-7	Fluorene	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
193-39-5	Indeno(1,2,3-cd)pyrene	385	J	ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
78-59-1	Isophorone	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
91-20-3	Naphthalene	336	J	ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
85-01-8	Phenanthrene	2340		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
129-00-0	Pyrene	1890		ug/kg dry	237	473	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
110-86-1	Pyridine	ND		ug/kg dry	946	1890	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:47	02/23/2017 03:53	SR
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	223 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	261 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	228 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:34	SA



Sample Information

Client Sample ID: B-11 (14-16)

York Sample ID: 17B0489-18

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:00 am

Date Received
02/14/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:34	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:34	SA
309-00-2	Aldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:34	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:34	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:45	02/20/2017 19:34	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:34	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.4	37.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:34	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:34	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:34	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:34	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:34	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:34	SA
72-20-8	Endrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:34	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:34	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:34	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:34	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/20/2017 08:45	02/20/2017 19:34	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:34	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:34	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.35	9.35	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:34	SA
8001-35-2	Toxaphene	ND		ug/kg dry	94.6	94.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/20/2017 08:45	02/20/2017 19:34	SA

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: B-11 (14-16)

York Sample ID: 17B0489-18

York Project (SDG) No.
17B0489

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 13, 2017 10:00 am

Date Received
02/14/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	60.3 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	48.4 %			30-150						

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 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 01:02	LAB
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 01:02	LAB
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 01:02	LAB
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 01:02	LAB
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 01:02	LAB
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 01:02	LAB
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/20/2017 08:45	02/21/2017 01:02	LAB
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications:	02/20/2017 08:45	02/21/2017 01:02	LAB
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	41.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	39.5 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6450		mg/kg dry	5.67	5.67	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV
7440-36-0	Antimony	ND		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV
7440-38-2	Arsenic	2.57		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV
7440-39-3	Barium	84.8		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV
7440-41-7	Beryllium	0.331		mg/kg dry	0.113	0.113	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV



Sample Information

Client Sample ID: B-11 (14-16)

York Sample ID: 17B0489-18

York Project (SDG) No.
17B0489

Client Project ID
1700655

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Soil

Collection Date/Time
February 13, 2017 10:00 am

Date Received
02/14/2017

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
7440-43-9	Cadmium	ND		mg/kg dry	0.340	0.340	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV
7440-70-2	Calcium	3170		mg/kg dry	0.567	5.67	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV
7440-47-3	Chromium	9.11		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV
7440-48-4	Cobalt	4.40		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV
7440-50-8	Copper	22.2		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV
7439-89-6	Iron	9740		mg/kg dry	2.27	2.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV
7439-92-1	Lead	66.1		mg/kg dry	0.340	0.340	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV
7439-95-4	Magnesium	2120		mg/kg dry	5.67	5.67	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV
7439-96-5	Manganese	694		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV
7440-02-0	Nickel	11.0		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV
7440-09-7	Potassium	481		mg/kg dry	5.67	5.67	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV
7782-49-2	Selenium	1.73		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV
7440-22-4	Silver	ND		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV
7440-23-5	Sodium	161	B	mg/kg dry	11.3	11.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 15:07	02/16/2017 22:21	KV
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV
7440-62-2	Vanadium	11.1		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV
7440-66-6	Zinc	89.1		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 15:07	02/16/2017 22:21	KV

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	0.747		mg/kg dry	0.0340	0.0340	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/20/2017 04:58	02/20/2017 14:33	ALD

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: B-11 (14-16)

York Sample ID: 17B0489-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0489

1700655

Soil

February 13, 2017 10:00 am

02/14/2017

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 Certifications: CTDOH	02/20/2017 11:47	02/20/2017 13:58	TAJ



Volatile Analysis Sample Containers

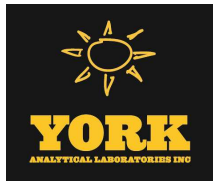
Lab ID	Client Sample ID	Volatile Sample Container
17B0489-01	B-20 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
17B0489-02	B-21 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
17B0489-03	B-22 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
17B0489-04	B-22 6-8 ft	40mL Vial with Stir Bar-Cool 4° C
17B0489-05	B-22 11-13 ft	40mL Vial with Stir Bar-Cool 4° C
17B0489-06	B-23 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
17B0489-07	B-24 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
17B0489-08	B-24 5-7 ft	40mL Vial with Stir Bar-Cool 4° C
17B0489-09	B-25 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
17B0489-10	B-9 (0-2)	40mL Vial with Stir Bar-Cool 4° C
17B0489-11	B-9 (6-8)	40mL Vial with Stir Bar-Cool 4° C
17B0489-12	B-9 (14-16)	40mL Vial with Stir Bar-Cool 4° C
17B0489-13	B-10 (0-2)	40mL Vial with Stir Bar-Cool 4° C
17B0489-14	B-10 (6-8)	40mL Vial with Stir Bar-Cool 4° C
17B0489-15	B-10 (14-16)	40mL Vial with Stir Bar-Cool 4° C
17B0489-16	B-11 (0-2')	40mL Vial with Stir Bar-Cool 4° C
17B0489-17	B-11 (6-8)	40mL Vial with Stir Bar-Cool 4° C
17B0489-18	B-11 (14-16)	40mL Vial with Stir Bar-Cool 4° C



Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-MISpk	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The SRM was within acceptance limits, therefore data are acceptable.
M-LSRD	Original sample conc <50 X reporting limit.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
GC-SCu	This surrogate recovered below control limits due to extract clean-up required. The alternate surrogate, Decachlorobiphenyl is within control limits.
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%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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



Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: Client submitted samples labeled - B-9 (0-2), B-9 (6-8), B-9 (14-16), B-10 (0-2), B-10 (6-8), B-10 (14-16), B-11 (0-2), B-11 (6-8) and B-11 (14-16) not on Chain-of-Custody. Received Chain-of-Custody for the samples on 2/15/17.



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

Field Chain-of-Custody Record

SOIL

Page 1 of 1

York Project No. 17B0489

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

YOUR Information Company: <u>GETCO/STANIS INC</u> Address: <u>110 W 4th Street, Hartford, CT</u> Phone No.: _____ Contact Person: <u>Michael S. Davis</u> E-Mail Address: <u>MDavis@getcoinc.com</u>		Report To: Company: <u>same</u> Address: _____ Phone No.: _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>E-MAIL</u> Address: _____ Phone No.: _____ Attention: _____ E-Mail Address: _____		YOUR Project ID <u>1700655</u> Purchase Order No. <u>1700658</u>		Turn-Around Time RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard (5-7 Days) ☒		Report Type Summary Report ☒ Summary w/ QA Summary ☐ CT RCP Package ☐ CTRCP DQA/DUE Pkg ☐ NY ASP A Package ☐ NY ASP B Package ☐ NJDEP Red. Deliv. ☐ Electronic Data Deliverables (EDD) ☒			
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles TICs Site Spec. STARS list Nassau Co. Suffolk Co. MTBE Ketonics Oxygenates TAGM list TCLP list CT RCP list Arom. only Halog. only App. IX list 8021B list		Semi-Vols. 8270-625 STARS list PAH list TAGM list CT RCP list TCLP list Arom. only Halog. only App. IX list 8021B list		Metals RCRA8 PPI3 list CT EPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium		Misc. Org. TPH GRO TPH DRO CT EPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium		Full Lists Pri. Poll. TCL Ograns TAL MacCN Full TCLP Full App. IX Part 360-Routine Part 360-Baseline Part 360-Appendix No. Based on Part 360-Appendix NYCDEP Sewer NYCDEP Sewer TAGM Silica		Misc. Compositivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos Silica	

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)
Michael S. Davis
Name (printed)
Michael S. Davis

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
B-20 0-2 ft	3/13/17 0830	S	VOCS, SVOCs, Pest/PCBs, TAL Metals	1-Quartz, 4-terna
B-21 0-2 ft	0900			
B-22 0-2 ft	1030			
B-23 0-2 ft	1045			
B-24 0-2 ft	1100			
B-25 0-2 ft	1130			
B-26 0-2 ft	1200			
B-27 0-2 ft	1300			

Comments <u>HYPER CONVERSE Village Park</u>	Preservation Check those Applicable Special Instructions Field Filled ☐ Lab to Filter ☐	4°C _____ Frozen _____ HCl _____ MeOH _____ HNO ₃ _____ NaOH _____ ZnAc _____ Ascorbic Acid _____ Other _____	Temperature on Receipt <u>1.7</u> °C
	Samples Relinquished By <u>MDavis</u>	Date/Time <u>2-15-17 1700</u>	Date/Time <u>2/14/17-1900</u>



YORK ANALYTICAL LABORATORIES
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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. 17B0489

Page 1 of 1[illegible]



Technical Report

prepared for:

GEI Consultants, Inc
110 Walt Whitman Road, Suite 204
Huntington Station NY, 11746
Attention: Nick Recchia

Report Date: 03/03/2017
Client Project ID: 1700655
York Project (SDG) No.: 17B0374

Revision No. 1.0

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 03/03/2017
Client Project ID: 1700655
York Project (SDG) No.: 17B0374

GEI Consultants, Inc
110 Walt Whitman Road, Suite 204
Huntington Station NY, 11746
Attention: Nick Recchia

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 February 10, 2017 and listed below. The project was identified as your project: **1700655**.

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>
17B0374-01	B-12 0-2 ft	Soil	02/08/2017	02/10/2017
17B0374-02	B-12 6-8 ft	Soil	02/08/2017	02/10/2017
17B0374-03	B-12 14-16 ft	Soil	02/08/2017	02/10/2017
17B0374-04	B-13 0-2 ft	Soil	02/08/2017	02/10/2017
17B0374-05	B-13 14-16 ft	Soil	02/08/2017	02/10/2017
17B0374-06	B-13 6-8 ft	Soil	02/08/2017	02/10/2017
17B0374-07	B-14 0-2 ft	Soil	02/08/2017	02/10/2017
17B0374-08	B-14 6-8 ft	Soil	02/08/2017	02/10/2017
17B0374-09	B-14 14-16 ft	Soil	02/08/2017	02/10/2017
17B0374-10	B-15 0-2 ft	Soil	02/08/2017	02/10/2017
17B0374-11	B-15 6-8 ft	Soil	02/08/2017	02/10/2017
17B0374-12	B-15 14-16 ft	Soil	02/08/2017	02/10/2017
17B0374-13	B-16 0-2 ft	Soil	02/08/2017	02/10/2017
17B0374-14	B-16 6-8 ft	Soil	02/08/2017	02/10/2017
17B0374-15	B-16 14-16 ft	Soil	02/08/2017	02/10/2017
17B0374-16	B-17 0-2 ft	Soil	02/08/2017	02/10/2017
17B0374-17	B-17 6-8 ft	Soil	02/08/2017	02/10/2017
17B0374-18	B-17 14-16 ft	Soil	02/08/2017	02/10/2017
17B0374-19	B-18 0-2 ft	Soil	02/08/2017	02/10/2017
17B0374-20	B-18 6-8 ft	Soil	02/08/2017	02/10/2017
17B0374-21	B-18 14-16 ft	Soil	02/08/2017	02/10/2017
17B0374-22	B-19 0-2 ft	Soil	02/08/2017	02/10/2017
17B0374-23	B-19 6-8 ft	Soil	02/08/2017	02/10/2017

York Sample ID

17B0374-24

Client Sample ID

B-19 14-16 ft

Matrix

Soil

Date Collected

02/08/2017

Date Received

02/10/2017

General Notes for York Project (SDG) No.: 17B0374

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.
9. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:

Benjamin Gulizia
Laboratory Director

Date: 03/03/2017



Sample Information

Client Sample ID: B-12 0-2 ft

York Sample ID: 17B0374-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0374

1700655

Soil

February 8, 2017 8:45 am

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	63	130	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK



Sample Information

Client Sample ID: B-12 0-2 ft

York Sample ID: 17B0374-01

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 8:45 am

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
591-78-6	2-Hexanone	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
67-64-1	Acetone	32	B	ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
107-02-8	Acrolein	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
71-43-2	Benzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
75-25-2	Bromoform	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
74-83-9	Bromomethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
67-66-3	Chloroform	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
110-82-7	Cyclohexane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK



Sample Information

Client Sample ID: B-12 0-2 ft

York Sample ID: 17B0374-01

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 8:45 am

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
79-20-9	Methyl acetate	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
75-09-2	Methylene chloride	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 08:15	02/15/2017 20:40	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 08:15	02/15/2017 20:40	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
100-42-5	Styrene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
108-88-3	Toluene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 20:40	BK



Sample Information

Client Sample ID: B-12 0-2 ft

York Sample ID: 17B0374-01

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 8:45 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.5	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 20:40	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.5 %	77-125								
2037-26-5	Surrogate: Toluene-d8	92.2 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	118 %	76-130								

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	97.8	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH



Sample Information

Client Sample ID: B-12 0-2 ft

York Sample ID: 17B0374-01

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 8:45 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	97.8	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
83-32-9	Acenaphthene	99.3		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
62-53-3	Aniline	ND		ug/kg dry	196	392	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
120-12-7	Anthracene	281		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
56-55-3	Benzo(a)anthracene	612		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
50-32-8	Benzo(a)pyrene	255		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
205-99-2	Benzo(b)fluoranthene	342		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
191-24-2	Benzo(g,h,i)perylene	159		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
207-08-9	Benzo(k)fluoranthene	312		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
86-74-8	Carbazole	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
218-01-9	Chrysene	578		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
53-70-3	Dibenzo(a,h)anthracene	92.2	J	ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH



Sample Information

Client Sample ID: B-12 0-2 ft

York Sample ID: 17B0374-01

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 8:45 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
206-44-0	Fluoranthene	1180		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
86-73-7	Fluorene	97.7	J	ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
193-39-5	Indeno(1,2,3-cd)pyrene	155		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
78-59-1	Isophorone	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
91-20-3	Naphthalene	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
85-01-8	Phenanthrene	1120		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
129-00-0	Pyrene	1140		ug/kg dry	49.0	97.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
110-86-1	Pyridine	ND		ug/kg dry	196	392	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:27	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	65.1 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	68.1 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	53.3 %	24-116								



Sample Information

Client Sample ID: B-12 0-2 ft

York Sample ID: 17B0374-01

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 8:45 am

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:16	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:16	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:16	SA
309-00-2	Aldrin	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:16	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:16	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 21:16	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:16	SA
57-74-9	Chlordane, total	ND		ug/kg dry	38.7	38.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:16	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:16	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:16	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:16	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:16	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:16	SA
72-20-8	Endrin	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:16	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:16	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:16	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:16	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 21:16	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:16	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:16	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.67	9.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:16	SA



Sample Information

Client Sample ID: B-12 0-2 ft

York Sample ID: 17B0374-01

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 8:45 am

Date Received

02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	97.9	97.9	5	EPA 8081B	02/15/2017 09:00	02/15/2017 21:16	SA
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	58.4 %		30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	35.4 %		30-150							

Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP

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	02/15/2017 09:00	02/16/2017 02:47	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	02/15/2017 09:00	02/16/2017 02:47	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	02/15/2017 09:00	02/16/2017 02:47	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	02/15/2017 09:00	02/16/2017 02:47	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	02/15/2017 09:00	02/16/2017 02:47	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	02/15/2017 09:00	02/16/2017 02:47	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	02/15/2017 09:00	02/16/2017 02:47	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	0.0195	1	EPA 8082A	02/15/2017 09:00	02/16/2017 02:47	SA
		Certifications:									
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	40.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	39.5 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6620		mg/kg dry	5.86	5.86	1	EPA 6010C	02/13/2017 12:43	02/13/2017 17:48	KV
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
7440-36-0	Antimony	3.22		mg/kg dry	0.586	0.586	1	EPA 6010C	02/13/2017 12:43	02/13/2017 17:48	KV
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
7440-38-2	Arsenic	6.25		mg/kg dry	1.17	1.17	1	EPA 6010C	02/13/2017 12:43	02/13/2017 17:48	KV
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
7440-39-3	Barium	283		mg/kg dry	1.17	1.17	1	EPA 6010C	02/13/2017 12:43	02/13/2017 17:48	KV
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									

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Sample Information

Client Sample ID: B-12 0-2 ft

York Sample ID: 17B0374-01

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 8:45 am

Date Received
02/10/2017

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	0.300		mg/kg dry	0.117	0.117	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 17:48	KV
7440-43-9	Cadmium	0.749		mg/kg dry	0.352	0.352	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 17:48	KV
7440-70-2	Calcium	42400		mg/kg dry	0.586	5.86	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 17:48	KV
7440-47-3	Chromium	20.7		mg/kg dry	0.586	0.586	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 17:48	KV
7440-48-4	Cobalt	6.72		mg/kg dry	0.586	0.586	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 17:48	KV
7440-50-8	Copper	53.7		mg/kg dry	0.586	0.586	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 17:48	KV
7439-89-6	Iron	19000		mg/kg dry	2.35	2.35	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 17:48	KV
7439-92-1	Lead	452		mg/kg dry	0.352	0.352	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 17:48	KV
7439-95-4	Magnesium	11200	B	mg/kg dry	5.86	5.86	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 17:48	KV
7439-96-5	Manganese	334		mg/kg dry	0.586	0.586	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 17:48	KV
7440-02-0	Nickel	19.1		mg/kg dry	0.586	0.586	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 17:48	KV
7440-09-7	Potassium	1530		mg/kg dry	5.86	5.86	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 17:48	KV
7782-49-2	Selenium	2.61		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 17:48	KV
7440-22-4	Silver	ND		mg/kg dry	0.586	0.586	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 17:48	KV
7440-23-5	Sodium	451		mg/kg dry	11.7	11.7	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:43	02/13/2017 17:48	KV
7440-28-0	Thallium	ND		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 17:48	KV
7440-62-2	Vanadium	19.2		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 17:48	KV
7440-66-6	Zinc	258		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 17:48	KV

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	0.258		mg/kg dry	0.0352	0.0352	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/15/2017 07:53	02/15/2017 17:08	KV



Sample Information

Client Sample ID: B-12 0-2 ft

York Sample ID: 17B0374-01

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 8:45 am

Date Received
02/10/2017

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	85.3		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:49	02/16/2017 14:31	TAJ

Sample Information

Client Sample ID: B-12 6-8 ft

York Sample ID: 17B0374-02

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:00 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK



Sample Information

Client Sample ID: B-12 6-8 ft

York Sample ID: 17B0374-02

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:00 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
67-64-1	Acetone	55	B	ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK



Sample Information

Client Sample ID: B-12 6-8 ft

York Sample ID: 17B0374-02

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 9:00 am

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 08:15	02/15/2017 21:13	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 08:15	02/15/2017 21:13	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK



Sample Information

Client Sample ID: B-12 6-8 ft

York Sample ID: 17B0374-02

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:00 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
100-42-5	Styrene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 21:13	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 21:13	BK

Surrogate Recoveries		Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	77-125
2037-26-5	Surrogate: Toluene-d8	88.8 %	85-120
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	76-130

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH



Sample Information

Client Sample ID: B-12 6-8 ft

York Sample ID: 17B0374-02

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 9:00 am

Date Received

02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.7	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.7	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
62-53-3	Aniline	ND		ug/kg dry	180	359	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
120-12-7	Anthracene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
56-55-3	Benzo(a)anthracene	85.4	J	ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
205-99-2	Benzo(b)fluoranthene	47.3	J	ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
207-08-9	Benzo(k)fluoranthene	47.3	J	ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH



Sample Information

Client Sample ID: B-12 6-8 ft

York Sample ID: 17B0374-02

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:00 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
86-74-8	Carbazole	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
218-01-9	Chrysene	93.3		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
206-44-0	Fluoranthene	141		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
86-73-7	Fluorene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
78-59-1	Isophorone	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 01:59	KH



Sample Information

Client Sample ID: B-12 6-8 ft

York Sample ID: 17B0374-02

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:00 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.0	89.7	2	EPA 8270D	02/16/2017 08:54	02/18/2017 01:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	66.7	J	ug/kg dry	45.0	89.7	2	EPA 8270D	02/16/2017 08:54	02/18/2017 01:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	150		ug/kg dry	45.0	89.7	2	EPA 8270D	02/16/2017 08:54	02/18/2017 01:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/kg dry	180	359	2	EPA 8270D	02/16/2017 08:54	02/18/2017 01:59	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	62.1 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	60.2 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	46.4 %		24-116							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:31	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:31	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:31	SA
309-00-2	Aldrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:31	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:31	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 21:31	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:31	SA
57-74-9	Chlordane, total	ND		ug/kg dry	35.5	35.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:31	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:31	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:31	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:31	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:31	SA



Sample Information

Client Sample ID: B-12 6-8 ft

York Sample ID: 17B0374-02

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:00 am

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:31	SA
72-20-8	Endrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:31	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:31	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:31	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:31	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 21:31	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:31	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.78	1.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:31	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.88	8.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:31	SA
8001-35-2	Toxaphene	ND		ug/kg dry	89.8	89.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 21:31	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	57.0 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	35.2 %	30-150								

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	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 03:11	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 03:11	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 03:11	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 03:11	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 03:11	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 03:11	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 03:11	SA



Sample Information

Client Sample ID: B-12 6-8 ft

York Sample ID: 17B0374-02

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:00 am

Date Received
02/10/2017

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications:	02/15/2017 09:00	02/16/2017 03:11	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	48.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	48.5 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7430		mg/kg dry	5.38	5.38	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV
7440-36-0	Antimony	ND		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV
7440-39-3	Barium	59.1		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.108	0.108	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV
7440-43-9	Cadmium	0.557		mg/kg dry	0.323	0.323	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV
7440-70-2	Calcium	98400		mg/kg dry	0.538	5.38	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV
7440-47-3	Chromium	11.7		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV
7440-48-4	Cobalt	4.61		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV
7440-50-8	Copper	14.2		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV
7439-89-6	Iron	10200		mg/kg dry	2.15	2.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV
7439-92-1	Lead	48.6		mg/kg dry	0.323	0.323	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV
7439-95-4	Magnesium	37500	B	mg/kg dry	5.38	5.38	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV
7439-96-5	Manganese	262		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV
7440-02-0	Nickel	10.4		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV
7440-09-7	Potassium	1850		mg/kg dry	5.38	5.38	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV
7782-49-2	Selenium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV



Sample Information

Client Sample ID: B-12 6-8 ft

York Sample ID: 17B0374-02

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:00 am

Date Received
02/10/2017

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
7440-22-4	Silver	ND		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV
7440-23-5	Sodium	335		mg/kg dry	10.8	10.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:43	02/13/2017 18:17	KV
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV
7440-62-2	Vanadium	17.5		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV
7440-66-6	Zinc	57.9		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:17	KV

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	0.102		mg/kg dry	0.0323	0.0323	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/15/2017 07:53	02/15/2017 17:16	KV

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	92.9		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:49	02/16/2017 14:31	TAJ

Sample Information

Client Sample ID: B-12 14-16 ft

York Sample ID: 17B0374-03

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:15 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK



Sample Information

Client Sample ID: B-12 14-16 ft

York Sample ID: 17B0374-03

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:15 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK



Sample Information

Client Sample ID: B-12 14-16 ft

York Sample ID: 17B0374-03

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:15 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	11		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK



Sample Information

Client Sample ID: B-12 14-16 ft

York Sample ID: 17B0374-03

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 9:15 am

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 00:58	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 00:58	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
100-42-5	Styrene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
108-88-3	Toluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 00:58	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK



Sample Information

Client Sample ID: B-12 14-16 ft

York Sample ID: 17B0374-03

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:15 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 00:58	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			77-125						
2037-26-5	Surrogate: Toluene-d8	88.2 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	103 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH



Sample Information

Client Sample ID: B-12 14-16 ft

York Sample ID: 17B0374-03

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:15 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
62-53-3	Aniline	ND		ug/kg dry	188	375	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
120-12-7	Anthracene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
86-74-8	Carbazole	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
218-01-9	Chrysene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH



Sample Information

Client Sample ID: B-12 14-16 ft

York Sample ID: 17B0374-03

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:15 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
206-44-0	Fluoranthene	54.7	J	ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
86-73-7	Fluorene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
78-59-1	Isophorone	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
85-01-8	Phenanthrene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
129-00-0	Pyrene	60.7	J	ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
110-86-1	Pyridine	ND		ug/kg dry	188	375	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	02/18/2017 02:31	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	65.6 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	68.7 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	56.2 %	24-116								



Sample Information

Client Sample ID: B-12 14-16 ft

York Sample ID: 17B0374-03

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:15 am

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:09	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:09	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:09	SA
309-00-2	Aldrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:09	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:09	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 17:09	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:09	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.1	37.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:09	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:09	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:09	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:09	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:09	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:09	SA
72-20-8	Endrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:09	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:09	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:09	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:09	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 17:09	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:09	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:09	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.27	9.27	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:09	SA



Sample Information

Client Sample ID: B-12 14-16 ft

York Sample ID: 17B0374-03

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 9:15 am

Date Received

02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst			
8001-35-2	Toxaphene	ND		ug/kg dry	93.9	93.9	5	EPA 8081B	02/15/2017 09:00	02/15/2017 17:09	SA			
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP					
Surrogate Recoveries		Result	Acceptance Range											
2051-24-3	Surrogate: Decachlorobiphenyl	49.6 %	30-150											
877-09-8	Surrogate: Tetrachloro-m-xylene	46.4 %	30-150											

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	02/15/2017 09:00	02/16/2017 03:35	SA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A	02/15/2017 09:00	02/16/2017 03:35	SA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A	02/15/2017 09:00	02/16/2017 03:35	SA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A	02/15/2017 09:00	02/16/2017 03:35	SA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A	02/15/2017 09:00	02/16/2017 03:35	SA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A	02/15/2017 09:00	02/16/2017 03:35	SA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A	02/15/2017 09:00	02/16/2017 03:35	SA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A	02/15/2017 09:00	02/16/2017 03:35	SA
								Certifications:			
	Surrogate Recoveries	Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	44.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	39.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9300		mg/kg dry	5.62	5.62	1	EPA 6010C	02/13/2017 12:43	02/13/2017 18:22	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.562	0.562	1	EPA 6010C	02/13/2017 12:43	02/13/2017 18:22	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.12	1.12	1	EPA 6010C	02/13/2017 12:43	02/13/2017 18:22	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: B-12 14-16 ft

York Sample ID: 17B0374-03

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:15 am

Date Received
02/10/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	53.9		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:22	KV
7440-41-7	Beryllium	1.16		mg/kg dry	0.112	0.112	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:22	KV
7440-43-9	Cadmium	0.834		mg/kg dry	0.337	0.337	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:22	KV
7440-70-2	Calcium	77100		mg/kg dry	0.562	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:22	KV
7440-47-3	Chromium	11.8		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:22	KV
7440-48-4	Cobalt	4.97		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:22	KV
7440-50-8	Copper	8.00		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:22	KV
7439-89-6	Iron	13300		mg/kg dry	2.25	2.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:22	KV
7439-92-1	Lead	17.2		mg/kg dry	0.337	0.337	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:22	KV
7439-95-4	Magnesium	50200	B	mg/kg dry	5.62	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:22	KV
7439-96-5	Manganese	667		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:22	KV
7440-02-0	Nickel	9.80		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:22	KV
7440-09-7	Potassium	389		mg/kg dry	5.62	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:22	KV
7782-49-2	Selenium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:22	KV
7440-22-4	Silver	ND		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:22	KV
7440-23-5	Sodium	229		mg/kg dry	11.2	11.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:43	02/13/2017 18:22	KV
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:22	KV
7440-62-2	Vanadium	17.2		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:22	KV
7440-66-6	Zinc	62.2		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:22	KV

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	0.0813		mg/kg dry	0.0337	0.0337	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/15/2017 07:53	02/15/2017 17:24	KV



Sample Information

Client Sample ID: B-12 14-16 ft

York Sample ID: 17B0374-03

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:15 am

Date Received
02/10/2017

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	89.0		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:49	02/16/2017 14:31	TAJ

Sample Information

Client Sample ID: B-13 0-2 ft

York Sample ID: 17B0374-04

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK



Sample Information

Client Sample ID: B-13 0-2 ft

York Sample ID: 17B0374-04

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 9:30 am

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
67-64-1	Acetone	100		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
107-02-8	Acrolein	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK



Sample Information

Client Sample ID: B-13 0-2 ft

York Sample ID: 17B0374-04

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
79-20-9	Methyl acetate	13		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 01:30	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 01:30	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK



Sample Information

Client Sample ID: B-13 0-2 ft

York Sample ID: 17B0374-04

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
100-42-5	Styrene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 01:30	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 01:30	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	77-125								
2037-26-5	Surrogate: Toluene-d8	89.3 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	119 %	76-130								

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR



Sample Information

Client Sample ID: B-13 0-2 ft

York Sample ID: 17B0374-04

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	44.0	88.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	44.0	88.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
83-32-9	Acenaphthene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
62-53-3	Aniline	ND		ug/kg dry	88.2	176	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
120-12-7	Anthracene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR



Sample Information

Client Sample ID: B-13 0-2 ft

York Sample ID: 17B0374-04

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

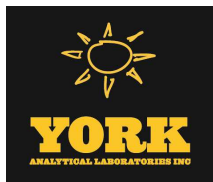
Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
86-74-8	Carbazole	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
218-01-9	Chrysene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
206-44-0	Fluoranthene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
86-73-7	Fluorene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
78-59-1	Isophorone	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
91-20-3	Naphthalene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR



Sample Information

Client Sample ID: B-13 0-2 ft

York Sample ID: 17B0374-04

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 9:30 am

Date Received

02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
85-01-8	Phenanthrene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
129-00-0	Pyrene	ND		ug/kg dry	22.1	44.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
110-86-1	Pyridine	ND		ug/kg dry	88.2	176	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:54	03/03/2017 10:42	SR
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	%			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	%			21-113						
1718-51-0	Surrogate: Terphenyl-d14	%			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:12	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:12	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:12	SA
309-00-2	Aldrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:12	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:12	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/16/2017 17:12	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:12	SA
57-74-9	Chlordane, total	ND		ug/kg dry	34.9	34.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:12	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:12	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:12	SA



Sample Information

Client Sample ID: B-13 0-2 ft

York Sample ID: 17B0374-04

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:12	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:12	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:12	SA
72-20-8	Endrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:12	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:12	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:12	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:12	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/16/2017 17:12	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:12	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:12	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.71	8.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:12	SA
8001-35-2	Toxaphene	ND		ug/kg dry	88.2	88.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:12	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	58.7 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	48.0 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 04:00	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 04:00	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 04:00	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 04:00	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 04:00	SA



Sample Information

Client Sample ID: B-13 0-2 ft

York Sample ID: 17B0374-04

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 04:00	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 04:00	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications:	02/15/2017 09:00	02/16/2017 04:00	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	41.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	46.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5190		mg/kg dry	5.28	5.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV
7440-36-0	Antimony	ND		mg/kg dry	0.528	0.528	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV
7440-38-2	Arsenic	2.03		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV
7440-39-3	Barium	59.8		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.106	0.106	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV
7440-43-9	Cadmium	0.530		mg/kg dry	0.317	0.317	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV
7440-70-2	Calcium	28600		mg/kg dry	0.528	5.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV
7440-47-3	Chromium	8.30		mg/kg dry	0.528	0.528	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV
7440-48-4	Cobalt	8.33		mg/kg dry	0.528	0.528	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV
7440-50-8	Copper	60.8		mg/kg dry	0.528	0.528	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV
7439-89-6	Iron	12900		mg/kg dry	2.11	2.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV
7439-92-1	Lead	66.7		mg/kg dry	0.317	0.317	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV
7439-95-4	Magnesium	13400	B	mg/kg dry	5.28	5.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV
7439-96-5	Manganese	145		mg/kg dry	0.528	0.528	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV
7440-02-0	Nickel	20.8		mg/kg dry	0.528	0.528	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV



Sample Information

Client Sample ID: B-13 0-2 ft

York Sample ID: 17B0374-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0374

1700655

Soil

February 8, 2017 9:30 am

02/10/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	941		mg/kg dry	5.28	5.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV
7782-49-2	Selenium	1.82		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV
7440-22-4	Silver	ND		mg/kg dry	0.528	0.528	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV
7440-23-5	Sodium	887		mg/kg dry	10.6	10.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:43	02/13/2017 18:27	KV
7440-28-0	Thallium	ND		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV
7440-62-2	Vanadium	32.9		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV
7440-66-6	Zinc	86.3		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:27	KV

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	0.271		mg/kg dry	0.0317	0.0317	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/15/2017 07:53	02/15/2017 17:32	KV

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.7		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:49	02/16/2017 14:31	TAJ

Sample Information

Client Sample ID: B-13 14-16 ft

York Sample ID: 17B0374-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0374

1700655

Soil

February 8, 2017 10:00 am

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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



Sample Information

Client Sample ID: B-13 14-16 ft

York Sample ID: 17B0374-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0374

1700655

Soil

February 8, 2017 10:00 am

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	110	210	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK



Sample Information

Client Sample ID: B-13 14-16 ft

York Sample ID: 17B0374-05

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:00 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
67-64-1	Acetone	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
107-02-8	Acrolein	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
71-43-2	Benzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
75-25-2	Bromoform	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
67-66-3	Chloroform	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
110-82-7	Cyclohexane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK



Sample Information

Client Sample ID: B-13 14-16 ft

York Sample ID: 17B0374-05

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:00 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
79-20-9	Methyl acetate	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
75-09-2	Methylene chloride	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 02:02	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 02:02	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
100-42-5	Styrene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
108-88-3	Toluene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:02	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK



Sample Information

Client Sample ID: B-13 14-16 ft

York Sample ID: 17B0374-05

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:00 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	16	32	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:02	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %			77-125						
2037-26-5	Surrogate: Toluene-d8	91.2 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	106 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	50.0	99.9	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR



Sample Information

Client Sample ID: B-13 14-16 ft

York Sample ID: 17B0374-05

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:00 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	50.0	99.9	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
83-32-9	Acenaphthene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
62-53-3	Aniline	ND		ug/kg dry	100	200	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
120-12-7	Anthracene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
86-74-8	Carbazole	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
218-01-9	Chrysene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR



Sample Information

Client Sample ID: B-13 14-16 ft

York Sample ID: 17B0374-05

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:00 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
206-44-0	Fluoranthene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
86-73-7	Fluorene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
78-59-1	Isophorone	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
91-20-3	Naphthalene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
85-01-8	Phenanthrene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
129-00-0	Pyrene	ND		ug/kg dry	25.1	50.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
110-86-1	Pyridine	ND		ug/kg dry	100	200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	%	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	%	21-113								
1718-51-0	Surrogate: Terphenyl-d14	%	24-116								



Sample Information

Client Sample ID: B-13 14-16 ft

York Sample ID: 17B0374-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0374

1700655

Soil

February 8, 2017 10:00 am

02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:27	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:27	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:27	SA
309-00-2	Aldrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:27	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:27	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/16/2017 17:27	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:27	SA
57-74-9	Chlordane, total	ND		ug/kg dry	39.6	39.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:27	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:27	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:27	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:27	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:27	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:27	SA
72-20-8	Endrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:27	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:27	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:27	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:27	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/16/2017 17:27	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:27	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:27	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.89	9.89	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:27	SA



Sample Information

Client Sample ID: B-13 14-16 ft

York Sample ID: 17B0374-05

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 10:00 am

Date Received

02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst			
8001-35-2	Toxaphene	ND		ug/kg dry	100	100	5	EPA 8081B	02/15/2017 09:00	02/16/2017 17:27	SA			
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP					
Surrogate Recoveries		Result	Acceptance Range											
2051-24-3	Surrogate: Decachlorobiphenyl	49.1 %	30-150											
877-09-8	Surrogate: Tetrachloro-m-xylene	36.9 %	30-150											

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	02/15/2017 09:00	02/16/2017 04:24	SA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A	02/15/2017 09:00	02/16/2017 04:24	SA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A	02/15/2017 09:00	02/16/2017 04:24	SA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A	02/15/2017 09:00	02/16/2017 04:24	SA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A	02/15/2017 09:00	02/16/2017 04:24	SA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A	02/15/2017 09:00	02/16/2017 04:24	SA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A	02/15/2017 09:00	02/16/2017 04:24	SA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0200	0.0200	1	EPA 8082A	02/15/2017 09:00	02/16/2017 04:24	SA
								Certifications:			
	Surrogate Recoveries	Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	43.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	38.5 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5200		mg/kg dry	6.00	6.00	1	EPA 6010C	02/13/2017 12:43	02/13/2017 18:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.600	0.600	1	EPA 6010C	02/13/2017 12:43	02/13/2017 18:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	4.46		mg/kg dry	1.20	1.20	1	EPA 6010C	02/13/2017 12:43	02/13/2017 18:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: B-13 14-16 ft

York Sample ID: 17B0374-05

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:00 am

Date Received
02/10/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	155		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:31	KV
7440-41-7	Beryllium	0.230		mg/kg dry	0.120	0.120	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:31	KV
7440-43-9	Cadmium	0.562		mg/kg dry	0.360	0.360	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:31	KV
7440-70-2	Calcium	35000		mg/kg dry	0.600	6.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:31	KV
7440-47-3	Chromium	12.9		mg/kg dry	0.600	0.600	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:31	KV
7440-48-4	Cobalt	6.01		mg/kg dry	0.600	0.600	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:31	KV
7440-50-8	Copper	41.5		mg/kg dry	0.600	0.600	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:31	KV
7439-89-6	Iron	13100		mg/kg dry	2.40	2.40	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:31	KV
7439-92-1	Lead	398		mg/kg dry	0.360	0.360	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:31	KV
7439-95-4	Magnesium	19400	B	mg/kg dry	6.00	6.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:31	KV
7439-96-5	Manganese	177		mg/kg dry	0.600	0.600	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:31	KV
7440-02-0	Nickel	14.6		mg/kg dry	0.600	0.600	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:31	KV
7440-09-7	Potassium	704		mg/kg dry	6.00	6.00	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:31	KV
7782-49-2	Selenium	2.29		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:31	KV
7440-22-4	Silver	ND		mg/kg dry	0.600	0.600	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:31	KV
7440-23-5	Sodium	649		mg/kg dry	12.0	12.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:43	02/13/2017 18:31	KV
7440-28-0	Thallium	ND		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:31	KV
7440-62-2	Vanadium	23.1		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:31	KV
7440-66-6	Zinc	133		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:31	KV

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	0.170		mg/kg dry	0.0360	0.0360	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/15/2017 07:53	02/15/2017 17:40	KV



Sample Information

Client Sample ID: B-13 14-16 ft

York Sample ID: 17B0374-05

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:00 am

Date Received
02/10/2017

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	83.4		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:49	02/16/2017 14:31	TAJ

Sample Information

Client Sample ID: B-13 6-8 ft

York Sample ID: 17B0374-06

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:45 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK



Sample Information

Client Sample ID: B-13 6-8 ft

York Sample ID: 17B0374-06

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:45 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	72	140	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
78-93-3	2-Butanone	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
591-78-6	2-Hexanone	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
67-64-1	Acetone	53		ug/kg dry	7.2	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
107-02-8	Acrolein	ND		ug/kg dry	7.2	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
71-43-2	Benzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
75-25-2	Bromoform	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
74-83-9	Bromomethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK



Sample Information

Client Sample ID: B-13 6-8 ft

York Sample ID: 17B0374-06

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:45 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
67-66-3	Chloroform	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
110-82-7	Cyclohexane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
79-20-9	Methyl acetate	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
75-09-2	Methylene chloride	ND		ug/kg dry	7.2	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 02:34	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.2	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 02:34	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK



Sample Information

Client Sample ID: B-13 6-8 ft

York Sample ID: 17B0374-06

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:45 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
100-42-5	Styrene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
108-88-3	Toluene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 02:34	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	11	22	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 02:34	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.3 %	77-125								
2037-26-5	Surrogate: Toluene-d8	97.0 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	113 %	76-130								

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH



Sample Information

Client Sample ID: B-13 6-8 ft

York Sample ID: 17B0374-06

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:45 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
83-32-9	Acenaphthene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
62-53-3	Aniline	ND		ug/kg dry	210	421	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
120-12-7	Anthracene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
56-55-3	Benzo(a)anthracene	54.6	J	ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH



Sample Information

Client Sample ID: B-13 6-8 ft

York Sample ID: 17B0374-06

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:45 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
86-74-8	Carbazole	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
218-01-9	Chrysene	67.2	J	ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
206-44-0	Fluoranthene	110		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
86-73-7	Fluorene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
78-59-1	Isophorone	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
91-20-3	Naphthalene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH



Sample Information

Client Sample ID: B-13 6-8 ft

York Sample ID: 17B0374-06

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:45 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
85-01-8	Phenanthrene	74.7	J	ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
129-00-0	Pyrene	99.9	J	ug/kg dry	52.7	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
110-86-1	Pyridine	ND		ug/kg dry	210	421	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:08	KH
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	54.8 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	60.8 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	45.9 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:15	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:15	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:15	SA
309-00-2	Aldrin	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:15	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:15	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 18:15	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:15	SA
57-74-9	Chlordane, total	ND		ug/kg dry	41.6	41.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:15	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:15	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:15	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:15	SA



Sample Information

Client Sample ID: B-13 6-8 ft

York Sample ID: 17B0374-06

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:45 am

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:15	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:15	SA
72-20-8	Endrin	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:15	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:15	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:15	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:15	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 18:15	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:15	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:15	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.4	10.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:15	SA
8001-35-2	Toxaphene	ND		ug/kg dry	105	105	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:15	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	68.7 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	60.4 %	30-150								

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	0.0210	0.0210	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 04:48	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0210	0.0210	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 04:48	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0210	0.0210	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 04:48	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0210	0.0210	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 04:48	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0210	0.0210	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 04:48	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0210	0.0210	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 04:48	SA



Sample Information

Client Sample ID: B-13 6-8 ft

York Sample ID: 17B0374-06

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:45 am

Date Received
02/10/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0210	0.0210	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 04:48	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0210	0.0210	1	EPA 8082A Certifications:	02/15/2017 09:00	02/16/2017 04:48	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	52.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	46.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6210		mg/kg dry	6.30	6.30	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:36	KV
7440-36-0	Antimony	ND		mg/kg dry	0.630	0.630	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:36	KV
7440-38-2	Arsenic	7.52		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:36	KV
7440-39-3	Barium	755		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:36	KV
7440-41-7	Beryllium	0.371		mg/kg dry	0.126	0.126	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:36	KV
7440-43-9	Cadmium	1.13		mg/kg dry	0.378	0.378	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:36	KV
7440-70-2	Calcium	23800		mg/kg dry	0.630	6.30	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:36	KV
7440-47-3	Chromium	19.6		mg/kg dry	0.630	0.630	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:36	KV
7440-48-4	Cobalt	9.07		mg/kg dry	0.630	0.630	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:36	KV
7440-50-8	Copper	71.4		mg/kg dry	0.630	0.630	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:36	KV
7439-89-6	Iron	537		mg/kg dry	2.52	2.52	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/14/2017 23:17	KV
7439-92-1	Lead	1520		mg/kg dry	0.378	0.378	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:36	KV
7439-95-4	Magnesium	7870	B	mg/kg dry	6.30	6.30	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:36	KV
7439-96-5	Manganese	321		mg/kg dry	0.630	0.630	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:36	KV
7440-02-0	Nickel	24.6		mg/kg dry	0.630	0.630	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:36	KV
7440-09-7	Potassium	913		mg/kg dry	6.30	6.30	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:36	KV



Sample Information

Client Sample ID: B-13 6-8 ft

York Sample ID: 17B0374-06

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 9:45 am

Date Received
02/10/2017

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
7782-49-2	Selenium	9.37		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:36	KV
7440-22-4	Silver	ND		mg/kg dry	0.630	0.630	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:36	KV
7440-23-5	Sodium	1300		mg/kg dry	12.6	12.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:43	02/13/2017 18:36	KV
7440-28-0	Thallium	ND		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:36	KV
7440-62-2	Vanadium	27.8		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:36	KV
7440-66-6	Zinc	1050		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:36	KV

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	2.87		mg/kg dry	0.0378	0.0378	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/15/2017 07:53	02/15/2017 17:48	KV

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	79.4		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:49	02/16/2017 14:31	TAJ

Sample Information

Client Sample ID: B-14 0-2 ft

York Sample ID: 17B0374-07

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:15 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK



Sample Information

Client Sample ID: B-14 0-2 ft

York Sample ID: 17B0374-07

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 10:15 am

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK



Sample Information

Client Sample ID: B-14 0-2 ft

York Sample ID: 17B0374-07

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:15 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
67-64-1	Acetone	22	B	ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
107-02-8	Acrolein	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK



Sample Information

Client Sample ID: B-14 0-2 ft

York Sample ID: 17B0374-07

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:15 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/16/2017 08:00	02/16/2017 20:23	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/16/2017 08:00	02/16/2017 20:23	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
100-42-5	Styrene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 20:23	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK



Sample Information

Client Sample ID: B-14 0-2 ft

York Sample ID: 17B0374-07

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:15 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 20:23	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.6 %			77-125						
2037-26-5	Surrogate: Toluene-d8	91.1 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	128 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.4	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH



Sample Information

Client Sample ID: B-14 0-2 ft

York Sample ID: 17B0374-07

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:15 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.4	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
62-53-3	Aniline	ND		ug/kg dry	181	362	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
120-12-7	Anthracene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
56-55-3	Benzo(a)anthracene	80.2	J	ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
86-74-8	Carbazole	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
218-01-9	Chrysene	99.8		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH



Sample Information

Client Sample ID: B-14 0-2 ft

York Sample ID: 17B0374-07

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:15 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
206-44-0	Fluoranthene	110		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
86-73-7	Fluorene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
78-59-1	Isophorone	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
85-01-8	Phenanthrene	112		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
129-00-0	Pyrene	243		ug/kg dry	45.3	90.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
110-86-1	Pyridine	ND		ug/kg dry	181	362	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 05:10	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	54.0 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	60.2 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	73.1 %	24-116								



Sample Information

Client Sample ID: B-14 0-2 ft

York Sample ID: 17B0374-07

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:15 am

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:42	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:42	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:42	SA
309-00-2	Aldrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:42	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:42	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/16/2017 17:42	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:42	SA
57-74-9	Chlordane, total	ND		ug/kg dry	35.8	35.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:42	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:42	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:42	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:42	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:42	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:42	SA
72-20-8	Endrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:42	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:42	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:42	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:42	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/16/2017 17:42	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:42	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:42	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.95	8.95	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:42	SA



Sample Information

Client Sample ID: B-14 0-2 ft

York Sample ID: 17B0374-07

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:15 am

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	90.6	90.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:42	SA
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	50.2 %				30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	25.6 %	GC-SC u			30-150					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 05:12	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 05:12	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 05:12	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 05:12	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 05:12	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 05:12	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 05:12	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications:	02/15/2017 09:00	02/16/2017 05:12	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	46.5 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	45.0 %				30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	10300		mg/kg dry	5.42	5.42	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV
7440-36-0	Antimony	ND		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV
7440-38-2	Arsenic	1.73		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV



Sample Information

Client Sample ID: B-14 0-2 ft

York Sample ID: 17B0374-07

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:15 am

Date Received
02/10/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	161		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.108	0.108	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV
7440-43-9	Cadmium	0.808		mg/kg dry	0.325	0.325	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV
7440-70-2	Calcium	22200		mg/kg dry	0.542	5.42	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV
7440-47-3	Chromium	19.4		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV
7440-48-4	Cobalt	10.8		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV
7440-50-8	Copper	44.6		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV
7439-89-6	Iron	16400		mg/kg dry	2.17	2.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV
7439-92-1	Lead	79.3		mg/kg dry	0.325	0.325	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV
7439-95-4	Magnesium	11500	B	mg/kg dry	5.42	5.42	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV
7439-96-5	Manganese	191		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV
7440-02-0	Nickel	21.0		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV
7440-09-7	Potassium	4630		mg/kg dry	5.42	5.42	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV
7782-49-2	Selenium	1.17		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV
7440-22-4	Silver	ND		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV
7440-23-5	Sodium	691		mg/kg dry	10.8	10.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:43	02/13/2017 18:44	KV
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV
7440-62-2	Vanadium	38.0		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV
7440-66-6	Zinc	127		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:44	KV

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	0.146		mg/kg dry	0.0325	0.0325	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/15/2017 07:53	02/15/2017 17:59	KV



Sample Information

Client Sample ID: B-14 0-2 ft

York Sample ID: 17B0374-07

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:15 am

Date Received
02/10/2017

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	92.2		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:49	02/16/2017 14:31	TAJ

Sample Information

Client Sample ID: B-14 6-8 ft

York Sample ID: 17B0374-08

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:30 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK



Sample Information

Client Sample ID: B-14 6-8 ft

York Sample ID: 17B0374-08

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:30 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	65	130	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
78-93-3	2-Butanone	4.6	J	ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
591-78-6	2-Hexanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
67-64-1	Acetone	45		ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
107-02-8	Acrolein	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
71-43-2	Benzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
75-25-2	Bromoform	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
74-83-9	Bromomethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK



Sample Information

Client Sample ID: B-14 6-8 ft

York Sample ID: 17B0374-08

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:30 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
110-82-7	Cyclohexane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
79-20-9	Methyl acetate	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
75-09-2	Methylene chloride	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 03:39	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.5	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 03:39	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK



Sample Information

Client Sample ID: B-14 6-8 ft

York Sample ID: 17B0374-08

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:30 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
108-88-3	Toluene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 03:39	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.8	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 03:39	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	77-125								
2037-26-5	Surrogate: Toluene-d8	95.5 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	108 %	76-130								

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH



Sample Information

Client Sample ID: B-14 6-8 ft

York Sample ID: 17B0374-08

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:30 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	97.0	194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	97.0	194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
83-32-9	Acenaphthene	58.9	J	ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
208-96-8	Acenaphthylene	95.3	J	ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
62-53-3	Aniline	ND		ug/kg dry	194	388	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
120-12-7	Anthracene	246		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
56-55-3	Benzo(a)anthracene	1550		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
50-32-8	Benzo(a)pyrene	391		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
205-99-2	Benzo(b)fluoranthene	525		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
191-24-2	Benzo(g,h,i)perylene	292		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
207-08-9	Benzo(k)fluoranthene	513		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH



Sample Information

Client Sample ID: B-14 6-8 ft

York Sample ID: 17B0374-08

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:30 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
86-74-8	Carbazole	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
218-01-9	Chrysene	1440		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
53-70-3	Dibenzo(a,h)anthracene	153		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
206-44-0	Fluoranthene	2000		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
86-73-7	Fluorene	67.4	J	ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
193-39-5	Indeno(1,2,3-cd)pyrene	333		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
78-59-1	Isophorone	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
91-20-3	Naphthalene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH



Sample Information

Client Sample ID: B-14 6-8 ft

York Sample ID: 17B0374-08

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:30 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	985		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
129-00-0	Pyrene	3000		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
110-86-1	Pyridine	ND		ug/kg dry	194	388	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:38	KH
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	62.5 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	61.5 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	70.7 %		24-116							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:57	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:57	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:57	SA
309-00-2	Aldrin	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:57	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:57	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/16/2017 17:57	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:57	SA
57-74-9	Chlordane, total	ND		ug/kg dry	38.4	38.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:57	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:57	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:57	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:57	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:57	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:57	SA



Sample Information

Client Sample ID: B-14 6-8 ft

York Sample ID: 17B0374-08

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:30 am

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:57	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:57	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:57	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:57	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/16/2017 17:57	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:57	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:57	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.59	9.59	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:57	SA
8001-35-2	Toxaphene	ND		ug/kg dry	97.1	97.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 17:57	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	48.8 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	31.8 %	30-150								

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	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 05:36	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 05:36	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 05:36	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 05:36	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 05:36	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 05:36	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 05:36	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications:	02/15/2017 09:00	02/16/2017 05:36	SA



Sample Information

Client Sample ID: B-14 6-8 ft

York Sample ID: 17B0374-08

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:30 am

Date Received
02/10/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	46.5 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	39.5 %				30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3730		mg/kg dry	5.81	5.81	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:48	KV
7440-36-0	Antimony	ND		mg/kg dry	0.581	0.581	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:48	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:48	KV
7440-39-3	Barium	149		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:48	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.116	0.116	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:48	KV
7440-43-9	Cadmium	2.59		mg/kg dry	0.349	0.349	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:48	KV
7440-70-2	Calcium	20700		mg/kg dry	0.581	5.81	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:48	KV
7440-47-3	Chromium	17.8		mg/kg dry	0.581	0.581	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:48	KV
7440-48-4	Cobalt	10.4		mg/kg dry	0.581	0.581	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:48	KV
7440-50-8	Copper	93.5		mg/kg dry	0.581	0.581	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:48	KV
7439-89-6	Iron	1740		mg/kg dry	2.33	2.33	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/14/2017 23:22	KV
7439-92-1	Lead	517		mg/kg dry	0.349	0.349	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:48	KV
7439-95-4	Magnesium	10300	B	mg/kg dry	5.81	5.81	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:48	KV
7439-96-5	Manganese	649		mg/kg dry	0.581	0.581	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:48	KV
7440-02-0	Nickel	23.3		mg/kg dry	0.581	0.581	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:48	KV
7440-09-7	Potassium	555		mg/kg dry	5.81	5.81	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:48	KV
7782-49-2	Selenium	30.0		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:48	KV
7440-22-4	Silver	ND		mg/kg dry	0.581	0.581	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:48	KV



Sample Information

Client Sample ID: B-14 6-8 ft

York Sample ID: 17B0374-08

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:30 am

Date Received
02/10/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	293		mg/kg dry	11.6	11.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:43	02/13/2017 18:48	KV
7440-28-0	Thallium	3.24		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:48	KV
7440-62-2	Vanadium	17.6		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:48	KV
7440-66-6	Zinc	446		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:48	KV

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	0.639		mg/kg dry	0.0349	0.0349	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/16/2017 08:32	02/16/2017 12:10	KV

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	86.0		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:49	02/16/2017 14:31	TAJ

Sample Information

Client Sample ID: B-14 14-16 ft

York Sample ID: 17B0374-09

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:45 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK



Sample Information

Client Sample ID: B-14 14-16 ft

York Sample ID: 17B0374-09

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 10:45 am

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	110	210	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
591-78-6	2-Hexanone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
67-64-1	Acetone	340		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK



Sample Information

Client Sample ID: B-14 14-16 ft

York Sample ID: 17B0374-09

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:45 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
71-43-2	Benzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
75-25-2	Bromoform	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
67-66-3	Chloroform	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
110-82-7	Cyclohexane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK



Sample Information

Client Sample ID: B-14 14-16 ft

York Sample ID: 17B0374-09

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:45 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
79-20-9	Methyl acetate	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
75-09-2	Methylene chloride	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 04:11	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 04:11	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
100-42-5	Styrene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
75-65-0	tert-Butyl alcohol (TBA)	5.3	J	ug/kg dry	5.3	11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
108-88-3	Toluene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 04:11	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 04:11	BK



Sample Information

Client Sample ID: B-14 14-16 ft

York Sample ID: 17B0374-09

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:45 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst			
1330-20-7	Xylenes, Total	ND		ug/kg dry	16	32	1	EPA 8260C	02/15/2017 17:49	02/16/2017 04:11	BK			
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP					
Surrogate Recoveries		Result	Acceptance Range											
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	77-125											
2037-26-5	Surrogate: Toluene-d8	94.8 %	85-120											
460-00-4	Surrogate: p-Bromofluorobenzene	107 %	76-130											

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	52.5	105	2	EPA 8270D	02/16/2017 08:59	02/17/2017 22:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	52.5	105	2	EPA 8270D	02/16/2017 08:59	02/17/2017 22:48	KH
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	52.5	105	2	EPA 8270D	02/16/2017 08:59	02/17/2017 22:48	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	52.5	105	2	EPA 8270D	02/16/2017 08:59	02/17/2017 22:48	KH
								Certifications:	NELAC-NY10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	52.5	105	2	EPA 8270D	02/16/2017 08:59	02/17/2017 22:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	52.5	105	2	EPA 8270D	02/16/2017 08:59	02/17/2017 22:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	52.5	105	2	EPA 8270D	02/16/2017 08:59	02/17/2017 22:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	52.5	105	2	EPA 8270D	02/16/2017 08:59	02/17/2017 22:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	52.5	105	2	EPA 8270D	02/16/2017 08:59	02/17/2017 22:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/kg dry	105	209	2	EPA 8270D	02/16/2017 08:59	02/17/2017 22:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	52.5	105	2	EPA 8270D	02/16/2017 08:59	02/17/2017 22:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/kg dry	52.5	105	2	EPA 8270D	02/16/2017 08:59	02/17/2017 22:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	52.5	105	2	EPA 8270D	02/16/2017 08:59	02/17/2017 22:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/kg dry	105	209	2	EPA 8270D	02/16/2017 08:59	02/17/2017 22:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		ug/kg dry	52.5	105	2	EPA 8270D	02/16/2017 08:59	02/17/2017 22:48	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: B-14 14-16 ft

York Sample ID: 17B0374-09

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

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February 8, 2017 10:45 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
62-53-3	Aniline	ND		ug/kg dry	210	419	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
120-12-7	Anthracene	85.4	J	ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
56-55-3	Benzo(a)anthracene	312		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
50-32-8	Benzo(a)pyrene	180		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
205-99-2	Benzo(b)fluoranthene	208		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
191-24-2	Benzo(g,h,i)perylene	135		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
207-08-9	Benzo(k)fluoranthene	192		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
86-74-8	Carbazole	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
218-01-9	Chrysene	307		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
206-44-0	Fluoranthene	601		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH



Sample Information

Client Sample ID: B-14 14-16 ft

York Sample ID: 17B0374-09

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Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
193-39-5	Indeno(1,2,3-cd)pyrene	87.9	J	ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
78-59-1	Isophorone	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
91-20-3	Naphthalene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
85-01-8	Phenanthrene	373		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
129-00-0	Pyrene	505		ug/kg dry	52.5	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
110-86-1	Pyridine	ND		ug/kg dry	210	419	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:48	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	56.4 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	61.6 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	44.6 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:30	SA



Sample Information

Client Sample ID: B-14 14-16 ft

York Sample ID: 17B0374-09

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:45 am

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:30	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:30	SA
309-00-2	Aldrin	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:30	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:30	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 18:30	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:30	SA
57-74-9	Chlordane, total	ND		ug/kg dry	41.4	41.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:30	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:30	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:30	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:30	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:30	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:30	SA
72-20-8	Endrin	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:30	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:30	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:30	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:30	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 18:30	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:30	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.07	2.07	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:30	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.4	10.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:30	SA
8001-35-2	Toxaphene	ND		ug/kg dry	105	105	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 18:30	SA

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: B-14 14-16 ft

York Sample ID: 17B0374-09

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:45 am

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	71.3 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	69.1 %			30-150						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:00	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:00	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:00	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:00	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:00	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:00	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:00	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0209	0.0209	1	EPA 8082A Certifications:	02/15/2017 09:00	02/16/2017 06:00	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	45.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	36.0 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5140		mg/kg dry	6.28	6.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:56	KV
7440-36-0	Antimony	ND		mg/kg dry	0.628	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:56	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:56	KV
7440-39-3	Barium	169		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:56	KV
7440-41-7	Beryllium	0.289		mg/kg dry	0.126	0.126	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:56	KV



Sample Information

Client Sample ID: B-14 14-16 ft

York Sample ID: 17B0374-09

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:45 am

Date Received
02/10/2017

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
7440-43-9	Cadmium	0.999		mg/kg dry	0.377	0.377	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:56	KV
7440-70-2	Calcium	8210		mg/kg dry	0.628	6.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:56	KV
7440-47-3	Chromium	12.4		mg/kg dry	0.628	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:56	KV
7440-48-4	Cobalt	8.09		mg/kg dry	0.628	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:56	KV
7440-50-8	Copper	297		mg/kg dry	0.628	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:56	KV
7439-92-1	Lead	829		mg/kg dry	0.377	0.377	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:56	KV
7439-95-4	Magnesium	2010	B	mg/kg dry	6.28	6.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:56	KV
7439-96-5	Manganese	423		mg/kg dry	0.628	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:56	KV
7440-02-0	Nickel	16.1		mg/kg dry	0.628	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:56	KV
7440-09-7	Potassium	1120		mg/kg dry	6.28	6.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:56	KV
7782-49-2	Selenium	15.4		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:56	KV
7440-22-4	Silver	ND		mg/kg dry	0.628	0.628	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:56	KV
7440-23-5	Sodium	554		mg/kg dry	12.6	12.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:43	02/13/2017 18:56	KV
7440-28-0	Thallium	ND		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:56	KV
7440-62-2	Vanadium	17.1		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:56	KV
7440-66-6	Zinc	375		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 18:56	KV

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	0.693		mg/kg dry	0.0377	0.0377	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/16/2017 08:32	02/16/2017 12:22	KV

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

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



Sample Information

Client Sample ID: B-14 14-16 ft

York Sample ID: 17B0374-09

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 10:45 am

Date Received
02/10/2017

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 Certifications: CTDOH	02/16/2017 08:49	02/16/2017 14:31	TAJ

Sample Information

Client Sample ID: B-15 0-2 ft

York Sample ID: 17B0374-10

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:00 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
95-63-6	1,2,4-Trimethylbenzene	21		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK



Sample Information

Client Sample ID: B-15 0-2 ft

York Sample ID: 17B0374-10

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:00 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
108-67-8	1,3,5-Trimethylbenzene	11		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	75	150	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
78-93-3	2-Butanone	3.9	J	ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
591-78-6	2-Hexanone	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
67-64-1	Acetone	44	B	ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
107-02-8	Acrolein	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
71-43-2	Benzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
75-25-2	Bromoform	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
74-83-9	Bromomethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK



Sample Information

Client Sample ID: B-15 0-2 ft

York Sample ID: 17B0374-10

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:00 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
110-82-7	Cyclohexane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
100-41-4	Ethyl Benzene	33		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
98-82-8	Isopropylbenzene	10		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
79-20-9	Methyl acetate	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
75-09-2	Methylene chloride	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
95-47-6	o-Xylene	12		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/16/2017 08:00	02/16/2017 19:19	BK
179601-23-1	p- & m- Xylenes	30		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/16/2017 08:00	02/16/2017 19:19	BK
99-87-6	p-Isopropyltoluene	6.0	J	ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
100-42-5	Styrene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK



Sample Information

Client Sample ID: B-15 0-2 ft

York Sample ID: 17B0374-10

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:00 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
127-18-4	Tetrachloroethylene	25		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
108-88-3	Toluene	16		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2017 08:00	02/16/2017 19:19	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.7	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
1330-20-7	Xylenes, Total	42		ug/kg dry	11	22	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:00	02/16/2017 19:19	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.0 %	77-125								
2037-26-5	Surrogate: Toluene-d8	88.3 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	113 %	76-130								

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR



Sample Information

Client Sample ID: B-15 0-2 ft

York Sample ID: 17B0374-10

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:00 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	48.5	96.9	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	48.5	96.9	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
83-32-9	Acenaphthene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
62-53-3	Aniline	ND		ug/kg dry	97.1	194	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
120-12-7	Anthracene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR



Sample Information

Client Sample ID: B-15 0-2 ft

York Sample ID: 17B0374-10

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:00 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
86-74-8	Carbazole	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
218-01-9	Chrysene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
206-44-0	Fluoranthene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
86-73-7	Fluorene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
78-59-1	Isophorone	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
91-20-3	Naphthalene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR



Sample Information

Client Sample ID: B-15 0-2 ft

York Sample ID: 17B0374-10

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:00 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
85-01-8	Phenanthrene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
129-00-0	Pyrene	ND		ug/kg dry	24.3	48.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
110-86-1	Pyridine	ND		ug/kg dry	97.1	194	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	%			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	%			21-113						
1718-51-0	Surrogate: Terphenyl-d14	%			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:12	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:12	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:12	SA
309-00-2	Aldrin	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:12	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:12	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/16/2017 18:12	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:12	SA
57-74-9	Chlordane, total	ND		ug/kg dry	38.4	38.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:12	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:12	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:12	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:12	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:12	SA



Sample Information

Client Sample ID: B-15 0-2 ft

York Sample ID: 17B0374-10

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:00 am

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:12	SA
72-20-8	Endrin	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:12	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:12	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:12	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:12	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/16/2017 18:12	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:12	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.92	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:12	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.60	9.60	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:12	SA
8001-35-2	Toxaphene	ND		ug/kg dry	97.1	97.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:12	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	64.3 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	42.6 %	30-150								

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	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:24	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:24	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:24	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:24	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:24	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:24	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:24	SA



Sample Information

Client Sample ID: B-15 0-2 ft

York Sample ID: 17B0374-10

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:00 am

Date Received
02/10/2017

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications:	02/15/2017 09:00	02/16/2017 06:24	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	35.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	43.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	2480		mg/kg dry	5.82	5.82	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV
7440-36-0	Antimony	ND		mg/kg dry	0.582	0.582	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV
7440-38-2	Arsenic	4.58		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV
7440-39-3	Barium	66.4		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV
7440-41-7	Beryllium	0.248		mg/kg dry	0.116	0.116	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV
7440-43-9	Cadmium	0.491		mg/kg dry	0.349	0.349	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV
7440-70-2	Calcium	2760		mg/kg dry	0.582	5.82	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV
7440-47-3	Chromium	6.74		mg/kg dry	0.582	0.582	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV
7440-48-4	Cobalt	5.63		mg/kg dry	0.582	0.582	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV
7440-50-8	Copper	37.4		mg/kg dry	0.582	0.582	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV
7439-89-6	Iron	8790		mg/kg dry	2.33	2.33	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV
7439-92-1	Lead	108		mg/kg dry	0.349	0.349	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV
7439-95-4	Magnesium	477	B	mg/kg dry	5.82	5.82	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV
7439-96-5	Manganese	77.1		mg/kg dry	0.582	0.582	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV
7440-02-0	Nickel	13.4		mg/kg dry	0.582	0.582	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV
7440-09-7	Potassium	335		mg/kg dry	5.82	5.82	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV
7782-49-2	Selenium	1.67		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV



Sample Information

Client Sample ID: B-15 0-2 ft

York Sample ID: 17B0374-10

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:00 am

Date Received
02/10/2017

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
7440-22-4	Silver	ND		mg/kg dry	0.582	0.582	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV
7440-23-5	Sodium	358		mg/kg dry	11.6	11.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:43	02/13/2017 19:04	KV
7440-28-0	Thallium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV
7440-62-2	Vanadium	13.5		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV
7440-66-6	Zinc	182		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:04	KV

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	0.406		mg/kg dry	0.0349	0.0349	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/16/2017 08:32	02/16/2017 12:34	KV

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	86.0		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:49	02/16/2017 14:31	TAJ

Sample Information

Client Sample ID: B-15 6-8 ft

York Sample ID: 17B0374-11

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:15 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK



Sample Information

Client Sample ID: B-15 6-8 ft

York Sample ID: 17B0374-11

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:15 am

Date Received
02/10/2017

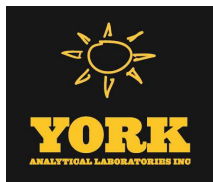
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	100	200	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
78-93-3	2-Butanone	38		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
591-78-6	2-Hexanone	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK



Sample Information

Client Sample ID: B-15 6-8 ft

York Sample ID: 17B0374-11

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 11:15 am

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/kg dry	1000	2000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/17/2017 13:05	BK
107-02-8	Acrolein	ND		ug/kg dry	10	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
71-43-2	Benzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
75-25-2	Bromoform	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
67-66-3	Chloroform	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
110-82-7	Cyclohexane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK



Sample Information

Client Sample ID: B-15 6-8 ft

York Sample ID: 17B0374-11

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:15 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
79-20-9	Methyl acetate	87		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
75-09-2	Methylene chloride	ND		ug/kg dry	10	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 05:15	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	10	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 05:15	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
100-42-5	Styrene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
75-65-0	tert-Butyl alcohol (TBA)	21		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
108-88-3	Toluene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:15	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK



Sample Information

Client Sample ID: B-15 6-8 ft

York Sample ID: 17B0374-11

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:15 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	15	31	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:15	BK
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	92.0 %		77-125							
2037-26-5	Surrogate: Toluene-d8	85.5 %		85-120							
460-00-4	Surrogate: p-Bromofluorobenzene	110 %		76-130							

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	117	235	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	117	235	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
83-32-9	Acenaphthene	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH



Sample Information

Client Sample ID: B-15 6-8 ft

York Sample ID: 17B0374-11

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:15 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	391		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
62-53-3	Aniline	ND		ug/kg dry	235	470	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
120-12-7	Anthracene	119		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
56-55-3	Benzo(a)anthracene	591		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
50-32-8	Benzo(a)pyrene	609		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
205-99-2	Benzo(b)fluoranthene	360		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
191-24-2	Benzo(g,h,i)perylene	506		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
207-08-9	Benzo(k)fluoranthene	679		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
86-74-8	Carbazole	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
218-01-9	Chrysene	763		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
53-70-3	Dibenzo(a,h)anthracene	271		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
206-44-0	Fluoranthene	525		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH



Sample Information

Client Sample ID: B-15 6-8 ft

York Sample ID: 17B0374-11

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:15 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
193-39-5	Indeno(1,2,3-cd)pyrene	531		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
78-59-1	Isophorone	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
91-20-3	Naphthalene	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
85-01-8	Phenanthrene	298		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
129-00-0	Pyrene	677		ug/kg dry	58.9	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
110-86-1	Pyridine	ND		ug/kg dry	235	470	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:03	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	58.4 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	64.7 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	55.0 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:21	SA



Sample Information

Client Sample ID: B-15 6-8 ft

York Sample ID: 17B0374-11

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:15 am

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:21	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:21	SA
309-00-2	Aldrin	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:21	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:21	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 17:21	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:21	SA
57-74-9	Chlordane, total	ND		ug/kg dry	46.5	46.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:21	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:21	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:21	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:21	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:21	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:21	SA
72-20-8	Endrin	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:21	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:21	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:21	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:21	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 17:21	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:21	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:21	SA
72-43-5	Methoxychlor	ND		ug/kg dry	11.6	11.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:21	SA
8001-35-2	Toxaphene	ND		ug/kg dry	118	118	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 17:21	SA

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: B-15 6-8 ft

York Sample ID: 17B0374-11

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:15 am

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	48.0 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	47.0 %			30-150						

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	0.0235	0.0235	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:48	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0235	0.0235	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:48	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0235	0.0235	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:48	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0235	0.0235	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:48	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0235	0.0235	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:48	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0235	0.0235	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:48	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0235	0.0235	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 06:48	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0235	0.0235	1	EPA 8082A Certifications:	02/15/2017 09:00	02/16/2017 06:48	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	41.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	34.0 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8290		mg/kg dry	7.04	7.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV
7440-36-0	Antimony	3.83		mg/kg dry	0.704	0.704	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV
7440-38-2	Arsenic	10.1		mg/kg dry	1.41	1.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV
7440-39-3	Barium	414		mg/kg dry	1.41	1.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV
7440-41-7	Beryllium	0.666		mg/kg dry	0.141	0.141	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV



Sample Information

Client Sample ID: B-15 6-8 ft

York Sample ID: 17B0374-11

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 11:15 am

Date Received

02/10/2017

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
7440-43-9	Cadmium	0.482		mg/kg dry	0.423	0.423	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV
7440-70-2	Calcium	4700		mg/kg dry	0.704	7.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV
7440-47-3	Chromium	41.9		mg/kg dry	0.704	0.704	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV
7440-48-4	Cobalt	11.9		mg/kg dry	0.704	0.704	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV
7440-50-8	Copper	425		mg/kg dry	0.704	0.704	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV
7439-89-6	Iron	12900		mg/kg dry	2.82	2.82	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV
7439-92-1	Lead	915		mg/kg dry	0.423	0.423	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV
7439-95-4	Magnesium	918	B	mg/kg dry	7.04	7.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV
7439-96-5	Manganese	246		mg/kg dry	0.704	0.704	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV
7440-02-0	Nickel	27.0		mg/kg dry	0.704	0.704	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV
7440-09-7	Potassium	1010		mg/kg dry	7.04	7.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV
7782-49-2	Selenium	2.21		mg/kg dry	1.41	1.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV
7440-22-4	Silver	ND		mg/kg dry	0.704	0.704	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV
7440-23-5	Sodium	904		mg/kg dry	14.1	14.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:43	02/13/2017 19:22	KV
7440-28-0	Thallium	ND		mg/kg dry	1.41	1.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV
7440-62-2	Vanadium	30.0		mg/kg dry	1.41	1.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV
7440-66-6	Zinc	273		mg/kg dry	1.41	1.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:22	KV

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	0.155		mg/kg dry	0.0423	0.0423	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/16/2017 08:32	02/16/2017 12:42	KV



Sample Information

Client Sample ID: B-15 6-8 ft

York Sample ID: 17B0374-11

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:15 am

Date Received
02/10/2017

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	71.0		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:49	02/16/2017 14:31	TAJ

Sample Information

Client Sample ID: B-15 14-16 ft

York Sample ID: 17B0374-12

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:30 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK



Sample Information

Client Sample ID: B-15 14-16 ft

York Sample ID: 17B0374-12

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 11:30 am

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	160	320	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
78-93-3	2-Butanone	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
591-78-6	2-Hexanone	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
67-64-1	Acetone	ND		ug/kg dry	16	32	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
107-02-8	Acrolein	ND		ug/kg dry	16	32	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
71-43-2	Benzene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
75-25-2	Bromoform	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
74-83-9	Bromomethane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK



Sample Information

Client Sample ID: B-15 14-16 ft

York Sample ID: 17B0374-12

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:30 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
67-66-3	Chloroform	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
74-87-3	Chloromethane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
110-82-7	Cyclohexane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
74-95-3	Dibromomethane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
79-20-9	Methyl acetate	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
75-09-2	Methylene chloride	ND		ug/kg dry	16	32	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
95-47-6	o-Xylene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 05:47	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	16	32	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 05:47	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK



Sample Information

Client Sample ID: B-15 14-16 ft

York Sample ID: 17B0374-12

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:30 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
100-42-5	Styrene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
108-88-3	Toluene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 05:47	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	24	47	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 05:47	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.3 %	77-125								
2037-26-5	Surrogate: Toluene-d8	87.1 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	105 %	76-130								

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH



Sample Information

Client Sample ID: B-15 14-16 ft

York Sample ID: 17B0374-12

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:30 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
91-57-6	2-Methylnaphthalene	3890		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	107	213	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	107	213	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
83-32-9	Acenaphthene	8240		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
208-96-8	Acenaphthylene	220		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
62-53-3	Aniline	ND		ug/kg dry	214	427	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
120-12-7	Anthracene	20200		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
56-55-3	Benzo(a)anthracene	27100		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
50-32-8	Benzo(a)pyrene	4930		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
205-99-2	Benzo(b)fluoranthene	6470		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
191-24-2	Benzo(g,h,i)perylene	4220		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
207-08-9	Benzo(k)fluoranthene	5920		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH



Sample Information

Client Sample ID: B-15 14-16 ft

York Sample ID: 17B0374-12

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:30 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
86-74-8	Carbazole	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
218-01-9	Chrysene	18300		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
53-70-3	Dibenzo(a,h)anthracene	2340		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
132-64-9	Dibenzofuran	5830		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
206-44-0	Fluoranthene	28700		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
86-73-7	Fluorene	8830		ug/kg dry	53.5	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
193-39-5	Indeno(1,2,3-cd)pyrene	3910		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
78-59-1	Isophorone	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
91-20-3	Naphthalene	7370		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH



Sample Information

Client Sample ID: B-15 14-16 ft

York Sample ID: 17B0374-12

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:30 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
85-01-8	Phenanthrene	38800		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
129-00-0	Pyrene	35400		ug/kg dry	53.5	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
110-86-1	Pyridine	ND		ug/kg dry	214	427	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 03:35	KH
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	47.9 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	51.8 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	75.1 %		24-116							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.11	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:27	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.11	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:27	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.11	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:27	SA
309-00-2	Aldrin	ND		ug/kg dry	2.11	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:27	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.11	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:27	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.11	2.11	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/16/2017 18:27	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.11	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:27	SA
57-74-9	Chlordane, total	ND		ug/kg dry	42.2	42.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:27	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.11	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:27	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.11	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:27	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.11	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:27	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.11	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:27	SA



Sample Information

Client Sample ID: B-15 14-16 ft

York Sample ID: 17B0374-12

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:30 am

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.11	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:27	SA
72-20-8	Endrin	ND		ug/kg dry	2.11	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:27	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.11	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:27	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.11	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:27	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.11	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:27	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.11	2.11	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/16/2017 18:27	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.11	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:27	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.11	2.11	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:27	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.6	10.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:27	SA
8001-35-2	Toxaphene	ND		ug/kg dry	107	107	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:27	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	63.2 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	39.0 %	30-150								

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	0.0213	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 07:12	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0213	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 07:12	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0213	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 07:12	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0213	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 07:12	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0213	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 07:12	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0213	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 07:12	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0213	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 07:12	SA



Sample Information

Client Sample ID: B-15 14-16 ft

York Sample ID: 17B0374-12

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:30 am

Date Received
02/10/2017

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0213	0.0213	1	EPA 8082A	02/15/2017 09:00	02/16/2017 07:12	SA
Certifications:											
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	34.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	43.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4180		mg/kg dry	6.39	6.39	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:30	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-36-0	Antimony	ND		mg/kg dry	0.639	0.639	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:30	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-38-2	Arsenic	6.05		mg/kg dry	1.28	1.28	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:30	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-39-3	Barium	169		mg/kg dry	1.28	1.28	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:30	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-41-7	Beryllium	0.249		mg/kg dry	0.128	0.128	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:30	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-43-9	Cadmium	0.931		mg/kg dry	0.384	0.384	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:30	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-70-2	Calcium	9510		mg/kg dry	0.639	6.39	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:30	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-47-3	Chromium	17.1		mg/kg dry	0.639	0.639	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:30	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-48-4	Cobalt	10.2		mg/kg dry	0.639	0.639	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:30	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-50-8	Copper	690		mg/kg dry	0.639	0.639	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:30	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-89-6	Iron	22100		mg/kg dry	2.56	2.56	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:30	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-92-1	Lead	333		mg/kg dry	0.384	0.384	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:30	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-95-4	Magnesium	2350	B	mg/kg dry	6.39	6.39	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:30	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-96-5	Manganese	156		mg/kg dry	0.639	0.639	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:30	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-02-0	Nickel	20.5		mg/kg dry	0.639	0.639	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:30	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-09-7	Potassium	823		mg/kg dry	6.39	6.39	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:30	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7782-49-2	Selenium	4.80		mg/kg dry	1.28	1.28	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:30	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											



Sample Information

Client Sample ID: B-15 14-16 ft

York Sample ID: 17B0374-12

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:30 am

Date Received
02/10/2017

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
7440-22-4	Silver	ND		mg/kg dry	0.639	0.639	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:30	KV
7440-23-5	Sodium	564		mg/kg dry	12.8	12.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:43	02/13/2017 19:30	KV
7440-28-0	Thallium	ND		mg/kg dry	1.28	1.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:30	KV
7440-62-2	Vanadium	20.5		mg/kg dry	1.28	1.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:30	KV
7440-66-6	Zinc	465		mg/kg dry	1.28	1.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:30	KV

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	0.498		mg/kg dry	0.0384	0.0384	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/16/2017 08:32	02/16/2017 12:51	KV

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	78.2		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:49	02/16/2017 14:31	TAJ

Sample Information

Client Sample ID: B-16 0-2 ft

York Sample ID: 17B0374-13

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:45 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK



Sample Information

Client Sample ID: B-16 0-2 ft

York Sample ID: 17B0374-13

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:45 am

Date Received
02/10/2017

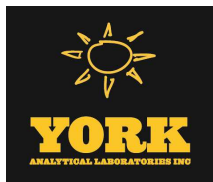
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	70	140	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
78-93-3	2-Butanone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
591-78-6	2-Hexanone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK



Sample Information

Client Sample ID: B-16 0-2 ft

York Sample ID: 17B0374-13

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 11:45 am

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	180		ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
107-02-8	Acrolein	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
71-43-2	Benzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
75-25-2	Bromoform	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
74-83-9	Bromomethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
67-66-3	Chloroform	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
110-82-7	Cyclohexane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK



Sample Information

Client Sample ID: B-16 0-2 ft

York Sample ID: 17B0374-13

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:45 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
79-20-9	Methyl acetate	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
75-09-2	Methylene chloride	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 06:20	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 06:20	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
100-42-5	Styrene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
108-88-3	Toluene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:20	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK



Sample Information

Client Sample ID: B-16 0-2 ft

York Sample ID: 17B0374-13

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:45 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:20	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %			77-125						
2037-26-5	Surrogate: Toluene-d8	90.3 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	106 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	47.3	94.4	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	47.3	94.4	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR



Sample Information

Client Sample ID: B-16 0-2 ft

York Sample ID: 17B0374-13

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:45 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
62-53-3	Aniline	ND		ug/kg dry	94.6	189	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
120-12-7	Anthracene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
86-74-8	Carbazole	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
218-01-9	Chrysene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR



Sample Information

Client Sample ID: B-16 0-2 ft

York Sample ID: 17B0374-13

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:45 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
206-44-0	Fluoranthene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
86-73-7	Fluorene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
78-59-1	Isophorone	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
91-20-3	Naphthalene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
85-01-8	Phenanthrene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
129-00-0	Pyrene	ND		ug/kg dry	23.7	47.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
110-86-1	Pyridine	ND		ug/kg dry	94.6	189	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	%	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	%	21-113								
1718-51-0	Surrogate: Terphenyl-d14	%	24-116								



Sample Information

Client Sample ID: B-16 0-2 ft

York Sample ID: 17B0374-13

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:45 am

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:42	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:42	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:42	SA
309-00-2	Aldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:42	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:42	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/16/2017 18:42	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:42	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.4	37.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:42	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:42	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:42	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:42	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:42	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:42	SA
72-20-8	Endrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:42	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:42	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:42	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:42	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/16/2017 18:42	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:42	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:42	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.35	9.35	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 18:42	SA



Sample Information

Client Sample ID: B-16 0-2 ft

York Sample ID: 17B0374-13

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 11:45 am

Date Received

02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	94.6	94.6	5	EPA 8081B	02/15/2017 09:00	02/16/2017 18:42	SA
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	53.8 %		30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	35.5 %		30-150							

Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP

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	02/15/2017 09:00	02/16/2017 12:02	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	02/15/2017 09:00	02/16/2017 12:02	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	02/15/2017 09:00	02/16/2017 12:02	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	02/15/2017 09:00	02/16/2017 12:02	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	02/15/2017 09:00	02/16/2017 12:02	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	02/15/2017 09:00	02/16/2017 12:02	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	02/15/2017 09:00	02/16/2017 12:02	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A	02/15/2017 09:00	02/16/2017 12:02	SA
		Certifications:									
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	53.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	53.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6310		mg/kg dry	5.67	5.67	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:38	KV
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
7440-36-0	Antimony	ND		mg/kg dry	0.567	0.567	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:38	KV
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
7440-38-2	Arsenic	2.73		mg/kg dry	1.13	1.13	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:38	KV
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									



Sample Information

Client Sample ID: B-16 0-2 ft

York Sample ID: 17B0374-13

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:45 am

Date Received
02/10/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	88.0		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:38	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:38	KV
7440-43-9	Cadmium	0.593		mg/kg dry	0.340	0.340	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:38	KV
7440-70-2	Calcium	13100		mg/kg dry	0.567	5.67	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:38	KV
7440-47-3	Chromium	8.68		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:38	KV
7440-48-4	Cobalt	8.54		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:38	KV
7440-50-8	Copper	64.4		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:38	KV
7439-89-6	Iron	14200		mg/kg dry	2.27	2.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:38	KV
7439-92-1	Lead	130		mg/kg dry	0.340	0.340	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:38	KV
7439-95-4	Magnesium	6410	B	mg/kg dry	5.67	5.67	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:38	KV
7439-96-5	Manganese	161		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:38	KV
7440-02-0	Nickel	15.6		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:38	KV
7440-09-7	Potassium	1210		mg/kg dry	5.67	5.67	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:38	KV
7782-49-2	Selenium	1.43		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:38	KV
7440-22-4	Silver	ND		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:38	KV
7440-23-5	Sodium	528		mg/kg dry	11.3	11.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:43	02/13/2017 19:38	KV
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:38	KV
7440-62-2	Vanadium	33.0		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:38	KV
7440-66-6	Zinc	142		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:38	KV

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	0.396		mg/kg dry	0.0340	0.0340	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/16/2017 08:32	02/16/2017 13:00	KV



Sample Information

Client Sample ID: B-16 0-2 ft

York Sample ID: 17B0374-13

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 11:45 am

Date Received
02/10/2017

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 Certifications: CTDOH	02/16/2017 08:53	02/16/2017 15:21	TAJ

Sample Information

Client Sample ID: B-16 6-8 ft

York Sample ID: 17B0374-14

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:00 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK



Sample Information

Client Sample ID: B-16 6-8 ft

York Sample ID: 17B0374-14

York Project (SDG) No.
17B0374

Client Project ID
1700655

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Soil

Collection Date/Time
February 8, 2017 12:00 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	73	150	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
78-93-3	2-Butanone	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
591-78-6	2-Hexanone	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
67-64-1	Acetone	28		ug/kg dry	7.3	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
107-02-8	Acrolein	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
71-43-2	Benzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
75-25-2	Bromoform	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
74-83-9	Bromomethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK



Sample Information

Client Sample ID: B-16 6-8 ft

York Sample ID: 17B0374-14

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:00 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
67-66-3	Chloroform	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
110-82-7	Cyclohexane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
79-20-9	Methyl acetate	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
75-09-2	Methylene chloride	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 06:52	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 06:52	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK



Sample Information

Client Sample ID: B-16 6-8 ft

York Sample ID: 17B0374-14

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:00 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
100-42-5	Styrene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
108-88-3	Toluene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 06:52	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	11	22	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 06:52	BK

Surrogate Recoveries		Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	77-125
2037-26-5	Surrogate: Toluene-d8	88.5 %	85-120
460-00-4	Surrogate: p-Bromofluorobenzene	106 %	76-130

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR



Sample Information

Client Sample ID: B-16 6-8 ft

York Sample ID: 17B0374-14

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:00 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	51.7	103	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	51.7	103	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
83-32-9	Acenaphthene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
62-53-3	Aniline	ND		ug/kg dry	103	207	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
120-12-7	Anthracene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR



Sample Information

Client Sample ID: B-16 6-8 ft

York Sample ID: 17B0374-14

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:00 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
86-74-8	Carbazole	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
218-01-9	Chrysene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
206-44-0	Fluoranthene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
86-73-7	Fluorene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
78-59-1	Isophorone	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
91-20-3	Naphthalene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR



Sample Information

Client Sample ID: B-16 6-8 ft

York Sample ID: 17B0374-14

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:00 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
85-01-8	Phenanthrene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
129-00-0	Pyrene	ND		ug/kg dry	25.9	51.7	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
110-86-1	Pyridine	ND		ug/kg dry	103	207	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	%			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	%			21-113						
1718-51-0	Surrogate: Terphenyl-d14	%			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:31	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:31	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:31	SA
309-00-2	Aldrin	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:31	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:31	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 22:31	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:31	SA
57-74-9	Chlordane, total	ND		ug/kg dry	40.9	40.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:31	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:31	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:31	SA



Sample Information

Client Sample ID: B-16 6-8 ft

York Sample ID: 17B0374-14

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:00 pm

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:31	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:31	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:31	SA
72-20-8	Endrin	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:31	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:31	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:31	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:31	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 22:31	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:31	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.04	2.04	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:31	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.2	10.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:31	SA
8001-35-2	Toxaphene	ND		ug/kg dry	103	103	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:31	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	63.2 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	54.2 %	30-150								

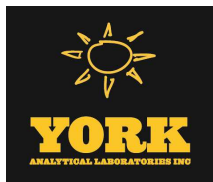
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 12:26	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 12:26	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 12:26	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 12:26	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 12:26	SA



Sample Information

Client Sample ID: B-16 6-8 ft

York Sample ID: 17B0374-14

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 12:00 pm

Date Received

02/10/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 12:26	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 12:26	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0206	0.0206	1	EPA 8082A Certifications:	02/15/2017 09:00	02/16/2017 12:26	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	45.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	39.5 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3610		mg/kg dry	6.19	6.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV
7440-36-0	Antimony	ND		mg/kg dry	0.619	0.619	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV
7440-38-2	Arsenic	5.65		mg/kg dry	1.24	1.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV
7440-39-3	Barium	127		mg/kg dry	1.24	1.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV
7440-41-7	Beryllium	0.568		mg/kg dry	0.124	0.124	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.372	0.372	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV
7440-70-2	Calcium	2900		mg/kg dry	0.619	6.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV
7440-47-3	Chromium	6.85		mg/kg dry	0.619	0.619	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV
7440-48-4	Cobalt	7.00		mg/kg dry	0.619	0.619	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV
7440-50-8	Copper	28.9		mg/kg dry	0.619	0.619	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV
7439-89-6	Iron	4890		mg/kg dry	2.48	2.48	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV
7439-92-1	Lead	75.2		mg/kg dry	0.372	0.372	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV
7439-95-4	Magnesium	361	B	mg/kg dry	6.19	6.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV
7439-96-5	Manganese	103		mg/kg dry	0.619	0.619	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV
7440-02-0	Nickel	15.4		mg/kg dry	0.619	0.619	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV



Sample Information

Client Sample ID: B-16 6-8 ft

York Sample ID: 17B0374-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0374

1700655

Soil

February 8, 2017 12:00 pm

02/10/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	440		mg/kg dry	6.19	6.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV
7782-49-2	Selenium	1.29		mg/kg dry	1.24	1.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV
7440-22-4	Silver	ND		mg/kg dry	0.619	0.619	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV
7440-23-5	Sodium	428		mg/kg dry	12.4	12.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:43	02/13/2017 19:43	KV
7440-28-0	Thallium	ND		mg/kg dry	1.24	1.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV
7440-62-2	Vanadium	15.1		mg/kg dry	1.24	1.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV
7440-66-6	Zinc	57.4		mg/kg dry	1.24	1.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:43	KV

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	0.0859		mg/kg dry	0.0372	0.0372	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/16/2017 08:32	02/16/2017 13:09	KV

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 Certifications: CTDOH	02/16/2017 08:53	02/16/2017 15:21	TAJ

Sample Information

Client Sample ID: B-16 14-16 ft

York Sample ID: 17B0374-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0374

1700655

Soil

February 8, 2017 12:15 pm

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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



Sample Information

Client Sample ID: B-16 14-16 ft

York Sample ID: 17B0374-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0374

1700655

Soil

February 8, 2017 12:15 pm

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	91	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK



Sample Information

Client Sample ID: B-16 14-16 ft

York Sample ID: 17B0374-15

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:15 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
67-64-1	Acetone	81		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
107-02-8	Acrolein	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK



Sample Information

Client Sample ID: B-16 14-16 ft

York Sample ID: 17B0374-15

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:15 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 07:24	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 07:24	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:24	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK



Sample Information

Client Sample ID: B-16 14-16 ft

York Sample ID: 17B0374-15

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:15 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:24	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.6 %			77-125						
2037-26-5	Surrogate: Toluene-d8	88.2 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	103 %			76-130						

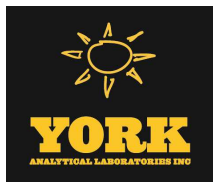
Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH



Sample Information

Client Sample ID: B-16 14-16 ft

York Sample ID: 17B0374-15

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 12:15 pm

Date Received

02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.9	182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
62-53-3	Aniline	ND		ug/kg dry	182	364	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
120-12-7	Anthracene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
86-74-8	Carbazole	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
218-01-9	Chrysene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH



Sample Information

Client Sample ID: B-16 14-16 ft

York Sample ID: 17B0374-15

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:15 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
206-44-0	Fluoranthene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
86-73-7	Fluorene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
78-59-1	Isophorone	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
85-01-8	Phenanthrene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
129-00-0	Pyrene	ND		ug/kg dry	45.6	90.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
110-86-1	Pyridine	ND		ug/kg dry	182	364	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 20:40	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	48.7 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	53.7 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	39.7 %	24-116								



Sample Information

Client Sample ID: B-16 14-16 ft

York Sample ID: 17B0374-15

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:15 pm

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:01	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:01	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:01	SA
309-00-2	Aldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:01	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:01	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 22:01	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:01	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.0	36.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:01	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:01	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:01	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:01	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:01	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:01	SA
72-20-8	Endrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:01	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:01	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:01	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:01	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 22:01	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:01	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:01	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.00	9.00	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:01	SA



Sample Information

Client Sample ID: B-16 14-16 ft

York Sample ID: 17B0374-15

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:15 pm

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	91.1	91.1	5	EPA 8081B	02/15/2017 09:00	02/15/2017 22:01	SA
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	61.6 %		30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	53.3 %		30-150							

Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A	02/15/2017 09:00	02/16/2017 12:52	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A	02/15/2017 09:00	02/16/2017 12:52	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A	02/15/2017 09:00	02/16/2017 12:52	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A	02/15/2017 09:00	02/16/2017 12:52	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A	02/15/2017 09:00	02/16/2017 12:52	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A	02/15/2017 09:00	02/16/2017 12:52	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A	02/15/2017 09:00	02/16/2017 12:52	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A	02/15/2017 09:00	02/16/2017 12:52	SA
		Certifications:									
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	43.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	43.5 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	14000		mg/kg dry	5.45	5.45	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:48	KV
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
7440-36-0	Antimony	ND		mg/kg dry	0.545	0.545	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:48	KV
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
7440-38-2	Arsenic	ND		mg/kg dry	1.09	1.09	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:48	KV
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									



Sample Information

Client Sample ID: B-16 14-16 ft

York Sample ID: 17B0374-15

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:15 pm

Date Received
02/10/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	147		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:48	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.109	0.109	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:48	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.327	0.327	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:48	KV
7440-70-2	Calcium	3210		mg/kg dry	0.545	5.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:48	KV
7440-47-3	Chromium	27.4		mg/kg dry	0.545	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:48	KV
7440-48-4	Cobalt	17.5		mg/kg dry	0.545	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:48	KV
7440-50-8	Copper	24.1		mg/kg dry	0.545	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:48	KV
7439-89-6	Iron	23000		mg/kg dry	2.18	2.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:48	KV
7439-92-1	Lead	32.8		mg/kg dry	0.327	0.327	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:48	KV
7439-95-4	Magnesium	5890	B	mg/kg dry	5.45	5.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:48	KV
7439-96-5	Manganese	293		mg/kg dry	0.545	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:48	KV
7440-02-0	Nickel	28.4		mg/kg dry	0.545	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:48	KV
7440-09-7	Potassium	6610		mg/kg dry	5.45	5.45	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:48	KV
7782-49-2	Selenium	2.90		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:48	KV
7440-22-4	Silver	ND		mg/kg dry	0.545	0.545	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:48	KV
7440-23-5	Sodium	232		mg/kg dry	10.9	10.9	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:43	02/13/2017 19:48	KV
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:48	KV
7440-62-2	Vanadium	37.8		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:48	KV
7440-66-6	Zinc	66.1		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:48	KV

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	0.349		mg/kg dry	0.0327	0.0327	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/16/2017 08:32	02/16/2017 13:18	KV



Sample Information

Client Sample ID: B-16 14-16 ft

York Sample ID: 17B0374-15

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:15 pm

Date Received
02/10/2017

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.7		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:53	02/16/2017 15:21	TAJ

Sample Information

Client Sample ID: B-17 0-2 ft

York Sample ID: 17B0374-16

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:30 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK



Sample Information

Client Sample ID: B-17 0-2 ft

York Sample ID: 17B0374-16

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:30 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	67	130	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
78-93-3	2-Butanone	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
591-78-6	2-Hexanone	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
67-64-1	Acetone	31		ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
107-02-8	Acrolein	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
71-43-2	Benzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
75-25-2	Bromoform	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
74-83-9	Bromomethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK



Sample Information

Client Sample ID: B-17 0-2 ft

York Sample ID: 17B0374-16

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:30 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
110-82-7	Cyclohexane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
79-20-9	Methyl acetate	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
75-09-2	Methylene chloride	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 07:57	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:49	02/16/2017 07:57	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK



Sample Information

Client Sample ID: B-17 0-2 ft

York Sample ID: 17B0374-16

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:30 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
100-42-5	Styrene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
108-88-3	Toluene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:49	02/16/2017 07:57	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:49	02/16/2017 07:57	BK

Surrogate Recoveries		Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	77-125
2037-26-5	Surrogate: Toluene-d8	94.4 %	85-120
460-00-4	Surrogate: p-Bromofluorobenzene	116 %	76-130

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH



Sample Information

Client Sample ID: B-17 0-2 ft

York Sample ID: 17B0374-16

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:30 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.4	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.4	192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
83-32-9	Acenaphthene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
62-53-3	Aniline	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
120-12-7	Anthracene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
56-55-3	Benzo(a)anthracene	62.4	J	ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
191-24-2	Benzo(g,h,i)perylene	67.0	J	ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
207-08-9	Benzo(k)fluoranthene	56.2	J	ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH



Sample Information

Client Sample ID: B-17 0-2 ft

York Sample ID: 17B0374-16

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:30 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
117-81-7	Bis(2-ethylhexyl)phthalate	99.4		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
86-74-8	Carbazole	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
218-01-9	Chrysene	73.2	J	ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
206-44-0	Fluoranthene	93.2	J	ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
86-73-7	Fluorene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
78-59-1	Isophorone	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
91-20-3	Naphthalene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH



Sample Information

Client Sample ID: B-17 0-2 ft

York Sample ID: 17B0374-16

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:30 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
85-01-8	Phenanthrene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
129-00-0	Pyrene	87.0	J	ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
110-86-1	Pyridine	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:12	KH
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	48.1 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	56.2 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	43.1 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:16	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:16	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:16	SA
309-00-2	Aldrin	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:16	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:16	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 22:16	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:16	SA
57-74-9	Chlordane, total	ND		ug/kg dry	38.1	38.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:16	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:16	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:16	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:16	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:16	SA



Sample Information

Client Sample ID: B-17 0-2 ft

York Sample ID: 17B0374-16

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:30 pm

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:16	SA
72-20-8	Endrin	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:16	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:16	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:16	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:16	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 22:16	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:16	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:16	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.53	9.53	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:16	SA
8001-35-2	Toxaphene	ND		ug/kg dry	96.5	96.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 22:16	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	68.0 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	61.2 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 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 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 14:00	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 14:00	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 14:00	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 14:00	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 14:00	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 14:00	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 14:00	SA



Sample Information

Client Sample ID: B-17 0-2 ft

York Sample ID: 17B0374-16

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:30 pm

Date Received
02/10/2017

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A	02/15/2017 09:00	02/16/2017 14:00	SA
Certifications:											
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	45.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	48.5 %		30-140							

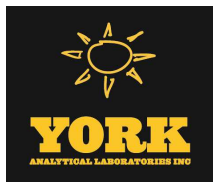
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5520		mg/kg dry	5.78	5.78	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:52	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-36-0	Antimony	ND		mg/kg dry	0.578	0.578	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:52	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-38-2	Arsenic	2.01		mg/kg dry	1.16	1.16	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:52	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-39-3	Barium	25.7		mg/kg dry	1.16	1.16	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:52	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-41-7	Beryllium	ND		mg/kg dry	0.116	0.116	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:52	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-43-9	Cadmium	ND		mg/kg dry	0.347	0.347	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:52	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-70-2	Calcium	51200		mg/kg dry	0.578	5.78	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:52	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-47-3	Chromium	16.7		mg/kg dry	0.578	0.578	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:52	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-48-4	Cobalt	4.96		mg/kg dry	0.578	0.578	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:52	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-50-8	Copper	44.9		mg/kg dry	0.578	0.578	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:52	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-89-6	Iron	9050		mg/kg dry	2.31	2.31	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:52	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-92-1	Lead	9.69		mg/kg dry	0.347	0.347	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:52	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-95-4	Magnesium	2660	B	mg/kg dry	5.78	5.78	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:52	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-96-5	Manganese	129		mg/kg dry	0.578	0.578	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:52	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-02-0	Nickel	11.3		mg/kg dry	0.578	0.578	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:52	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-09-7	Potassium	554		mg/kg dry	5.78	5.78	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:52	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7782-49-2	Selenium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:52	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											



Sample Information

Client Sample ID: B-17 0-2 ft

York Sample ID: 17B0374-16

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 12:30 pm

Date Received

02/10/2017

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
7440-22-4	Silver	ND		mg/kg dry	0.578	0.578	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:52	KV
7440-23-5	Sodium	421		mg/kg dry	11.6	11.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:43	02/13/2017 19:52	KV
7440-28-0	Thallium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:52	KV
7440-62-2	Vanadium	22.8		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:52	KV
7440-66-6	Zinc	35.3		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:52	KV

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	0.124		mg/kg dry	0.0347	0.0347	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/16/2017 08:32	02/16/2017 13:27	KV

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	86.5		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:53	02/16/2017 15:21	TAJ

Sample Information

Client Sample ID: B-17 6-8 ft

York Sample ID: 17B0374-17

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 12:45 pm

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK



Sample Information

Client Sample ID: B-17 6-8 ft

York Sample ID: 17B0374-17

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:45 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	90	180	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
78-93-3	2-Butanone	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
591-78-6	2-Hexanone	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK



Sample Information

Client Sample ID: B-17 6-8 ft

York Sample ID: 17B0374-17

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:45 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	280		ug/kg dry	9.0	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
107-02-8	Acrolein	ND		ug/kg dry	9.0	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
71-43-2	Benzene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
75-25-2	Bromoform	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
74-83-9	Bromomethane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
75-00-3	Chloroethane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
67-66-3	Chloroform	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
74-87-3	Chloromethane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
110-82-7	Cyclohexane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
74-95-3	Dibromomethane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK



Sample Information

Client Sample ID: B-17 6-8 ft

York Sample ID: 17B0374-17

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:45 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
79-20-9	Methyl acetate	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
75-09-2	Methylene chloride	ND		ug/kg dry	9.0	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
95-47-6	o-Xylene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:50	02/15/2017 21:36	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	9.0	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:50	02/15/2017 21:36	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
100-42-5	Styrene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	9.0	18	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
108-88-3	Toluene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 21:36	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK



Sample Information

Client Sample ID: B-17 6-8 ft

York Sample ID: 17B0374-17

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:45 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	14	27	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 21:36	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %			77-125						
2037-26-5	Surrogate: Toluene-d8	117 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	93.7 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	113	226	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	113	226	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH



Sample Information

Client Sample ID: B-17 6-8 ft

York Sample ID: 17B0374-17

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:45 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
62-53-3	Aniline	ND		ug/kg dry	227	453	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
120-12-7	Anthracene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
56-55-3	Benzo(a)anthracene	133		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
50-32-8	Benzo(a)pyrene	105	J	ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
207-08-9	Benzo(k)fluoranthene	118		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
86-74-8	Carbazole	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
218-01-9	Chrysene	144		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH



Sample Information

Client Sample ID: B-17 6-8 ft

York Sample ID: 17B0374-17

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:45 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	257		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
86-73-7	Fluorene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
78-59-1	Isophorone	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
91-20-3	Naphthalene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
85-01-8	Phenanthrene	161		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
129-00-0	Pyrene	229		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
110-86-1	Pyridine	ND		ug/kg dry	227	453	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 21:44	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	63.0 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	63.7 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	45.3 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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



Sample Information

Client Sample ID: B-17 6-8 ft

York Sample ID: 17B0374-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0374

1700655

Soil

February 8, 2017 12:45 pm

02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:01	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:01	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:01	SA
309-00-2	Aldrin	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:01	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:01	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 23:01	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:01	SA
57-74-9	Chlordane, total	ND		ug/kg dry	44.8	44.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:01	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:01	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:01	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:01	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:01	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:01	SA
72-20-8	Endrin	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:01	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:01	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:01	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:01	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 23:01	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:01	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:01	SA
72-43-5	Methoxychlor	ND		ug/kg dry	11.2	11.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:01	SA



Sample Information

Client Sample ID: B-17 6-8 ft

York Sample ID: 17B0374-17

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:45 pm

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	113	113	5	EPA 8081B	02/15/2017 09:00	02/15/2017 23:01	SA
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	47.6 %		30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	44.5 %		30-150							

Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A	02/15/2017 09:00	02/16/2017 14:16	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A	02/15/2017 09:00	02/16/2017 14:16	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A	02/15/2017 09:00	02/16/2017 14:16	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A	02/15/2017 09:00	02/16/2017 14:16	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A	02/15/2017 09:00	02/16/2017 14:16	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A	02/15/2017 09:00	02/16/2017 14:16	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A	02/15/2017 09:00	02/16/2017 14:16	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A	02/15/2017 09:00	02/16/2017 14:16	SA
		Certifications:									
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	43.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	44.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5650		mg/kg dry	6.78	6.78	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:57	KV
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
7440-36-0	Antimony	ND		mg/kg dry	0.678	0.678	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:57	KV
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
7440-38-2	Arsenic	6.25		mg/kg dry	1.36	1.36	1	EPA 6010C	02/13/2017 12:43	02/13/2017 19:57	KV
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									



Sample Information

Client Sample ID: B-17 6-8 ft

York Sample ID: 17B0374-17

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:45 pm

Date Received
02/10/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	376		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:57	KV
7440-41-7	Beryllium	0.525		mg/kg dry	0.136	0.136	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:57	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.407	0.407	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:57	KV
7440-70-2	Calcium	3840		mg/kg dry	0.678	6.78	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:57	KV
7440-47-3	Chromium	13.7		mg/kg dry	0.678	0.678	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:57	KV
7440-48-4	Cobalt	6.83		mg/kg dry	0.678	0.678	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:57	KV
7440-50-8	Copper	50.3		mg/kg dry	0.678	0.678	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:57	KV
7439-89-6	Iron	6380		mg/kg dry	2.71	2.71	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:57	KV
7439-92-1	Lead	340		mg/kg dry	0.407	0.407	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:57	KV
7439-95-4	Magnesium	690	B	mg/kg dry	6.78	6.78	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:57	KV
7439-96-5	Manganese	98.3		mg/kg dry	0.678	0.678	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:57	KV
7440-02-0	Nickel	18.5		mg/kg dry	0.678	0.678	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:57	KV
7440-09-7	Potassium	681		mg/kg dry	6.78	6.78	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:57	KV
7782-49-2	Selenium	ND		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:57	KV
7440-22-4	Silver	ND		mg/kg dry	0.678	0.678	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:57	KV
7440-23-5	Sodium	882		mg/kg dry	13.6	13.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:43	02/13/2017 19:57	KV
7440-28-0	Thallium	ND		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:57	KV
7440-62-2	Vanadium	19.6		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:57	KV
7440-66-6	Zinc	143		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 19:57	KV

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	0.163		mg/kg dry	0.0407	0.0407	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/16/2017 08:32	02/16/2017 13:36	KV



Sample Information

Client Sample ID: B-17 6-8 ft

York Sample ID: 17B0374-17

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 12:45 pm

Date Received
02/10/2017

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	73.7		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:53	02/16/2017 15:21	TAJ

Sample Information

Client Sample ID: B-17 14-16 ft

York Sample ID: 17B0374-18

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:00 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK



Sample Information

Client Sample ID: B-17 14-16 ft

York Sample ID: 17B0374-18

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 1:00 pm

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	100	210	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
591-78-6	2-Hexanone	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
67-64-1	Acetone	320		ug/kg dry	10	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
107-02-8	Acrolein	ND		ug/kg dry	10	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
71-43-2	Benzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
75-25-2	Bromoform	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK



Sample Information

Client Sample ID: B-17 14-16 ft

York Sample ID: 17B0374-18

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:00 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
67-66-3	Chloroform	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
110-82-7	Cyclohexane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
79-20-9	Methyl acetate	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
75-09-2	Methylene chloride	ND		ug/kg dry	10	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:50	02/15/2017 22:06	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	10	21	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:50	02/15/2017 22:06	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK



Sample Information

Client Sample ID: B-17 14-16 ft

York Sample ID: 17B0374-18

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:00 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
100-42-5	Styrene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	10	21	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
108-88-3	Toluene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:06	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	15	31	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:06	BK

Surrogate Recoveries		Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.1 %	77-125
2037-26-5	Surrogate: Toluene-d8	104 %	85-120
460-00-4	Surrogate: p-Bromofluorobenzene	88.2 %	76-130

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH



Sample Information

Client Sample ID: B-17 14-16 ft

York Sample ID: 17B0374-18

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:00 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	99.9	199	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	99.9	199	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
83-32-9	Acenaphthene	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
62-53-3	Aniline	ND		ug/kg dry	200	400	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
120-12-7	Anthracene	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
56-55-3	Benzo(a)anthracene	122		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
50-32-8	Benzo(a)pyrene	116		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
205-99-2	Benzo(b)fluoranthene	77.4	J	ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
191-24-2	Benzo(g,h,i)perylene	109		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
207-08-9	Benzo(k)fluoranthene	132		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH



Sample Information

Client Sample ID: B-17 14-16 ft

York Sample ID: 17B0374-18

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:00 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
86-74-8	Carbazole	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
218-01-9	Chrysene	143		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
53-70-3	Dibenzo(a,h)anthracene	51.1	J	ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
206-44-0	Fluoranthene	172		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
86-73-7	Fluorene	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
193-39-5	Indeno(1,2,3-cd)pyrene	94.2	J	ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
78-59-1	Isophorone	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
91-20-3	Naphthalene	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH



Sample Information

Client Sample ID: B-17 14-16 ft

York Sample ID: 17B0374-18

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:00 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
85-01-8	Phenanthrene	91.8	J	ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
129-00-0	Pyrene	152		ug/kg dry	50.0	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
110-86-1	Pyridine	ND		ug/kg dry	200	400	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 22:16	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	59.4 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	60.2 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	40.4 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:31	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:31	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:31	SA
309-00-2	Aldrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:31	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:31	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 23:31	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:31	SA
57-74-9	Chlordane, total	ND		ug/kg dry	39.5	39.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:31	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:31	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:31	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:31	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:31	SA



Sample Information

Client Sample ID: B-17 14-16 ft

York Sample ID: 17B0374-18

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:00 pm

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:31	SA
72-20-8	Endrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:31	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:31	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:31	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:31	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/15/2017 23:31	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:31	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:31	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.88	9.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:31	SA
8001-35-2	Toxaphene	ND		ug/kg dry	100	100	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/15/2017 23:31	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	58.9 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	48.5 %	30-150								

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	0.0199	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 15:06	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0199	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 15:06	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0199	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 15:06	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0199	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 15:06	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0199	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 15:06	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0199	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 15:06	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0199	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 09:00	02/16/2017 15:06	SA



Sample Information

Client Sample ID: B-17 14-16 ft

York Sample ID: 17B0374-18

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:00 pm

Date Received
02/10/2017

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0199	0.0199	1	EPA 8082A	02/15/2017 09:00	02/16/2017 15:06	SA
Certifications:											
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	44.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	46.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3450		mg/kg dry	5.99	5.99	1	EPA 6010C	02/13/2017 12:43	02/13/2017 20:02	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-36-0	Antimony	ND		mg/kg dry	0.599	0.599	1	EPA 6010C	02/13/2017 12:43	02/13/2017 20:02	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-38-2	Arsenic	ND		mg/kg dry	1.20	1.20	1	EPA 6010C	02/13/2017 12:43	02/13/2017 20:02	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-39-3	Barium	84.9		mg/kg dry	1.20	1.20	1	EPA 6010C	02/13/2017 12:43	02/13/2017 20:02	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-41-7	Beryllium	0.289		mg/kg dry	0.120	0.120	1	EPA 6010C	02/13/2017 12:43	02/13/2017 20:02	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-43-9	Cadmium	0.465		mg/kg dry	0.359	0.359	1	EPA 6010C	02/13/2017 12:43	02/13/2017 20:02	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-70-2	Calcium	3120		mg/kg dry	0.599	5.99	1	EPA 6010C	02/13/2017 12:43	02/13/2017 20:02	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-47-3	Chromium	10.5		mg/kg dry	0.599	0.599	1	EPA 6010C	02/13/2017 12:43	02/13/2017 20:02	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-48-4	Cobalt	6.04		mg/kg dry	0.599	0.599	1	EPA 6010C	02/13/2017 12:43	02/13/2017 20:02	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-50-8	Copper	35.4		mg/kg dry	0.599	0.599	1	EPA 6010C	02/13/2017 12:43	02/13/2017 20:02	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-89-6	Iron	39400		mg/kg dry	2.39	2.39	1	EPA 6010C	02/13/2017 12:43	02/13/2017 20:02	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-92-1	Lead	1660		mg/kg dry	0.359	0.359	1	EPA 6010C	02/13/2017 12:43	02/13/2017 20:02	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-95-4	Magnesium	592	B	mg/kg dry	5.99	5.99	1	EPA 6010C	02/13/2017 12:43	02/13/2017 20:02	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7439-96-5	Manganese	188		mg/kg dry	0.599	0.599	1	EPA 6010C	02/13/2017 12:43	02/13/2017 20:02	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-02-0	Nickel	13.5		mg/kg dry	0.599	0.599	1	EPA 6010C	02/13/2017 12:43	02/13/2017 20:02	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7440-09-7	Potassium	498		mg/kg dry	5.99	5.99	1	EPA 6010C	02/13/2017 12:43	02/13/2017 20:02	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											
7782-49-2	Selenium	7.49		mg/kg dry	1.20	1.20	1	EPA 6010C	02/13/2017 12:43	02/13/2017 20:02	KV
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP											



Sample Information

Client Sample ID: B-17 14-16 ft

York Sample ID: 17B0374-18

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:00 pm

Date Received
02/10/2017

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
7440-22-4	Silver	ND		mg/kg dry	0.599	0.599	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:02	KV
7440-23-5	Sodium	552		mg/kg dry	12.0	12.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:43	02/13/2017 20:02	KV
7440-28-0	Thallium	ND		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:02	KV
7440-62-2	Vanadium	17.7		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:02	KV
7440-66-6	Zinc	111		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:02	KV

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	0.127		mg/kg dry	0.0359	0.0359	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/16/2017 08:32	02/16/2017 13:45	KV

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	83.5		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:53	02/16/2017 15:21	TAJ

Sample Information

Client Sample ID: B-18 0-2 ft

York Sample ID: 17B0374-19

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:15 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK



Sample Information

Client Sample ID: B-18 0-2 ft

York Sample ID: 17B0374-19

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:15 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	62	120	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
78-93-3	2-Butanone	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
591-78-6	2-Hexanone	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK



Sample Information

Client Sample ID: B-18 0-2 ft

York Sample ID: 17B0374-19

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:15 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	38		ug/kg dry	6.2	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
107-02-8	Acrolein	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
71-43-2	Benzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
75-25-2	Bromoform	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
74-83-9	Bromomethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
67-66-3	Chloroform	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
110-82-7	Cyclohexane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK



Sample Information

Client Sample ID: B-18 0-2 ft

York Sample ID: 17B0374-19

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:15 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
79-20-9	Methyl acetate	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
75-09-2	Methylene chloride	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:50	02/15/2017 22:35	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:50	02/15/2017 22:35	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
100-42-5	Styrene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
127-18-4	Tetrachloroethylene	74		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
108-88-3	Toluene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 22:35	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK



Sample Information

Client Sample ID: B-18 0-2 ft

York Sample ID: 17B0374-19

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:15 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.3	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 22:35	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.3 %			77-125						
2037-26-5	Surrogate: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	84.4 %			76-130						

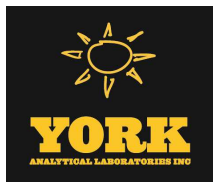
Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	46.5	92.8	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	46.5	92.8	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR



Sample Information

Client Sample ID: B-18 0-2 ft

York Sample ID: 17B0374-19

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 1:15 pm

Date Received

02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
62-53-3	Aniline	ND		ug/kg dry	93.1	186	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
120-12-7	Anthracene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
86-74-8	Carbazole	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
218-01-9	Chrysene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR



Sample Information

Client Sample ID: B-18 0-2 ft

York Sample ID: 17B0374-19

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:15 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
206-44-0	Fluoranthene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
86-73-7	Fluorene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
78-59-1	Isophorone	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
91-20-3	Naphthalene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
85-01-8	Phenanthrene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
129-00-0	Pyrene	ND		ug/kg dry	23.3	46.5	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
110-86-1	Pyridine	ND		ug/kg dry	93.1	186	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	03/03/2017 10:42	SR
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	%	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	%	21-113								
1718-51-0	Surrogate: Terphenyl-d14	%	24-116								



Sample Information

Client Sample ID: B-18 0-2 ft

York Sample ID: 17B0374-19

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:15 pm

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/17/2017 11:11	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/17/2017 11:11	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/17/2017 11:11	SA
309-00-2	Aldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/17/2017 11:11	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/17/2017 11:11	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/17/2017 11:11	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/17/2017 11:11	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.8	36.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/17/2017 11:11	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/17/2017 11:11	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/17/2017 11:11	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/17/2017 11:11	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/17/2017 11:11	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/17/2017 11:11	SA
72-20-8	Endrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/17/2017 11:11	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/17/2017 11:11	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/17/2017 11:11	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/17/2017 11:11	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 09:00	02/17/2017 11:11	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/17/2017 11:11	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	1.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/17/2017 11:11	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.20	9.20	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 09:00	02/17/2017 11:11	SA



Sample Information

Client Sample ID: B-18 0-2 ft

York Sample ID: 17B0374-19

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:15 pm

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	93.1	93.1	5	EPA 8081B	02/15/2017 09:00	02/17/2017 11:11	SA
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	51.3 %		30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	30.3 %		30-150							

Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP

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	0.0186	0.0186	1	EPA 8082A	02/15/2017 09:00	02/16/2017 15:22	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A	02/15/2017 09:00	02/16/2017 15:22	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A	02/15/2017 09:00	02/16/2017 15:22	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A	02/15/2017 09:00	02/16/2017 15:22	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A	02/15/2017 09:00	02/16/2017 15:22	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A	02/15/2017 09:00	02/16/2017 15:22	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A	02/15/2017 09:00	02/16/2017 15:22	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A	02/15/2017 09:00	02/16/2017 15:22	SA
		Certifications:									
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	50.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	54.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5990		mg/kg dry	5.57	5.57	1	EPA 6010C	02/13/2017 12:43	02/13/2017 20:10	KV
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
7440-36-0	Antimony	ND		mg/kg dry	0.557	0.557	1	EPA 6010C	02/13/2017 12:43	02/13/2017 20:10	KV
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
7440-38-2	Arsenic	2.49		mg/kg dry	1.11	1.11	1	EPA 6010C	02/13/2017 12:43	02/13/2017 20:10	KV
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									



Sample Information

Client Sample ID: B-18 0-2 ft

York Sample ID: 17B0374-19

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:15 pm

Date Received
02/10/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	93.0		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:10	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:10	KV
7440-43-9	Cadmium	0.703		mg/kg dry	0.334	0.334	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:10	KV
7440-70-2	Calcium	45100		mg/kg dry	0.557	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:10	KV
7440-47-3	Chromium	13.9		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:10	KV
7440-48-4	Cobalt	5.55		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:10	KV
7440-50-8	Copper	30.5		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:10	KV
7439-89-6	Iron	11700		mg/kg dry	2.23	2.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:10	KV
7439-92-1	Lead	149		mg/kg dry	0.334	0.334	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:10	KV
7439-95-4	Magnesium	12400	B	mg/kg dry	5.57	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:10	KV
7439-96-5	Manganese	178		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:10	KV
7440-02-0	Nickel	15.7		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:10	KV
7440-09-7	Potassium	1530		mg/kg dry	5.57	5.57	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:10	KV
7782-49-2	Selenium	1.44		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:10	KV
7440-22-4	Silver	ND		mg/kg dry	0.557	0.557	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:10	KV
7440-23-5	Sodium	724		mg/kg dry	11.1	11.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:43	02/13/2017 20:10	KV
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:10	KV
7440-62-2	Vanadium	29.2		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:10	KV
7440-66-6	Zinc	119		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:10	KV

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	0.683		mg/kg dry	0.0334	0.0334	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/16/2017 08:32	02/16/2017 13:54	KV



Sample Information

Client Sample ID: B-18 0-2 ft

York Sample ID: 17B0374-19

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:15 pm

Date Received
02/10/2017

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	89.7		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:53	02/16/2017 15:21	TAJ

Sample Information

Client Sample ID: B-18 6-8 ft

York Sample ID: 17B0374-20

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:30 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK



Sample Information

Client Sample ID: B-18 6-8 ft

York Sample ID: 17B0374-20

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:30 pm

Date Received
02/10/2017

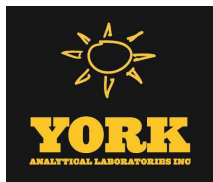
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	480	970	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
78-93-3	2-Butanone	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
591-78-6	2-Hexanone	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
67-64-1	Acetone	830		ug/kg dry	48	97	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
107-02-8	Acrolein	ND		ug/kg dry	48	97	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
71-43-2	Benzene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
75-25-2	Bromoform	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
74-83-9	Bromomethane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK



Sample Information

Client Sample ID: B-18 6-8 ft

York Sample ID: 17B0374-20

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 1:30 pm

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
67-66-3	Chloroform	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
74-87-3	Chloromethane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
110-82-7	Cyclohexane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
74-95-3	Dibromomethane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
79-20-9	Methyl acetate	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
75-09-2	Methylene chloride	ND		ug/kg dry	48	97	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
95-47-6	o-Xylene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:50	02/15/2017 23:05	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	48	97	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:50	02/15/2017 23:05	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK



Sample Information

Client Sample ID: B-18 6-8 ft

York Sample ID: 17B0374-20

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:30 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
100-42-5	Styrene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	48	97	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
127-18-4	Tetrachloroethylene	39	J	ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
108-88-3	Toluene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:05	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	24	48	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	72	140	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:05	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	77-125								
2037-26-5	Surrogate: Toluene-d8	110 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	87.4 %	76-130								

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH



Sample Information

Client Sample ID: B-18 6-8 ft

York Sample ID: 17B0374-20

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:30 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	99.9	199	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	99.9	199	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
83-32-9	Acenaphthene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
62-53-3	Aniline	ND		ug/kg dry	200	400	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
120-12-7	Anthracene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH



Sample Information

Client Sample ID: B-18 6-8 ft

York Sample ID: 17B0374-20

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:30 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
86-74-8	Carbazole	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
218-01-9	Chrysene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
206-44-0	Fluoranthene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
86-73-7	Fluorene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
78-59-1	Isophorone	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
91-20-3	Naphthalene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH



Sample Information

Client Sample ID: B-18 6-8 ft

York Sample ID: 17B0374-20

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:30 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
85-01-8	Phenanthrene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
129-00-0	Pyrene	ND		ug/kg dry	50.1	99.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
110-86-1	Pyridine	ND		ug/kg dry	200	400	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:20	KH
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	43.5 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	43.2 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	28.0 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:27	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:27	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:27	SA
309-00-2	Aldrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:27	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:27	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2017 09:02	02/16/2017 19:27	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:27	SA
57-74-9	Chlordane, total	ND		ug/kg dry	39.5	39.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:27	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:27	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:27	SA



Sample Information

Client Sample ID: B-18 6-8 ft

York Sample ID: 17B0374-20

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:30 pm

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:27	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:27	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:27	SA
72-20-8	Endrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:27	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:27	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:27	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:27	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2017 09:02	02/16/2017 19:27	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:27	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.98	1.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:27	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.88	9.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:27	SA
8001-35-2	Toxaphene	ND		ug/kg dry	100	100	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:27	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	61.1 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	56.1 %	30-150								

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	0.0199	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 15:39	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0199	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 15:39	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0199	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 15:39	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0199	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 15:39	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0199	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 15:39	SA



Sample Information

Client Sample ID: B-18 6-8 ft

York Sample ID: 17B0374-20

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:30 pm

Date Received
02/10/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0199	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 15:39	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0199	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 15:39	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0199	0.0199	1	EPA 8082A Certifications:	02/16/2017 09:02	02/16/2017 15:39	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	47.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	48.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3400		mg/kg dry	5.99	5.99	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV
7440-36-0	Antimony	ND		mg/kg dry	0.599	0.599	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV
7440-38-2	Arsenic	6.15		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV
7440-39-3	Barium	145		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV
7440-41-7	Beryllium	0.442		mg/kg dry	0.120	0.120	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.359	0.359	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV
7440-70-2	Calcium	3040		mg/kg dry	0.599	5.99	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV
7440-47-3	Chromium	8.04		mg/kg dry	0.599	0.599	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV
7440-48-4	Cobalt	10.0		mg/kg dry	0.599	0.599	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV
7440-50-8	Copper	83.4		mg/kg dry	0.599	0.599	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV
7439-89-6	Iron	6290		mg/kg dry	2.39	2.39	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV
7439-92-1	Lead	244		mg/kg dry	0.359	0.359	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV
7439-95-4	Magnesium	276	B	mg/kg dry	5.99	5.99	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV
7439-96-5	Manganese	154		mg/kg dry	0.599	0.599	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV
7440-02-0	Nickel	18.4		mg/kg dry	0.599	0.599	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV



Sample Information

Client Sample ID: B-18 6-8 ft

York Sample ID: 17B0374-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0374

1700655

Soil

February 8, 2017 1:30 pm

02/10/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	391		mg/kg dry	5.99	5.99	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV
7782-49-2	Selenium	1.85		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV
7440-22-4	Silver	ND		mg/kg dry	0.599	0.599	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV
7440-23-5	Sodium	547		mg/kg dry	12.0	12.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:43	02/13/2017 20:15	KV
7440-28-0	Thallium	ND		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV
7440-62-2	Vanadium	19.7		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV
7440-66-6	Zinc	223		mg/kg dry	1.20	1.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:43	02/13/2017 20:15	KV

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	0.102		mg/kg dry	0.0359	0.0359	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/16/2017 08:32	02/16/2017 14:07	KV

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	83.5		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:53	02/16/2017 15:21	TAJ

Sample Information

Client Sample ID: B-18 14-16 ft

York Sample ID: 17B0374-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0374

1700655

Soil

February 8, 2017 1:45 pm

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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



Sample Information

Client Sample ID: B-18 14-16 ft

York Sample ID: 17B0374-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0374

1700655

Soil

February 8, 2017 1:45 pm

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	95	190	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
78-93-3	2-Butanone	5.9	J	ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK



Sample Information

Client Sample ID: B-18 14-16 ft

York Sample ID: 17B0374-21

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:45 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
67-64-1	Acetone	ND		ug/kg dry	950	1900	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 18:47	BK
107-02-8	Acrolein	ND		ug/kg dry	9.5	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
71-43-2	Benzene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
75-25-2	Bromoform	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
74-83-9	Bromomethane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
75-00-3	Chloroethane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
67-66-3	Chloroform	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
74-87-3	Chloromethane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
110-82-7	Cyclohexane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
74-95-3	Dibromomethane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK



Sample Information

Client Sample ID: B-18 14-16 ft

York Sample ID: 17B0374-21

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 1:45 pm

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
79-20-9	Methyl acetate	6.2	J	ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
75-09-2	Methylene chloride	ND		ug/kg dry	9.5	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
95-47-6	o-Xylene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:50	02/15/2017 23:35	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	9.5	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:50	02/15/2017 23:35	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
100-42-5	Styrene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	9.5	19	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
108-88-3	Toluene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/15/2017 23:35	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK



Sample Information

Client Sample ID: B-18 14-16 ft

York Sample ID: 17B0374-21

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:45 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.8	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	14	29	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/15/2017 23:35	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.0 %			77-125						
2037-26-5	Surrogate: Toluene-d8	105 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	87.9 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	111	221	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH



Sample Information

Client Sample ID: B-18 14-16 ft

York Sample ID: 17B0374-21

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:45 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	111	221	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
83-32-9	Acenaphthene	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
208-96-8	Acenaphthylene	613		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
62-53-3	Aniline	ND		ug/kg dry	221	443	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
120-12-7	Anthracene	232		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
56-55-3	Benzo(a)anthracene	900		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
50-32-8	Benzo(a)pyrene	374		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
205-99-2	Benzo(b)fluoranthene	644		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
191-24-2	Benzo(g,h,i)perylene	842		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
207-08-9	Benzo(k)fluoranthene	486		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
86-74-8	Carbazole	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
218-01-9	Chrysene	1150		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
53-70-3	Dibenzo(a,h)anthracene	554		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH



Sample Information

Client Sample ID: B-18 14-16 ft

York Sample ID: 17B0374-21

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:45 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
206-44-0	Fluoranthene	1330		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
86-73-7	Fluorene	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
193-39-5	Indeno(1,2,3-cd)pyrene	785		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
78-59-1	Isophorone	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
91-20-3	Naphthalene	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
85-01-8	Phenanthrene	340		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
129-00-0	Pyrene	1250		ug/kg dry	55.4	111	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
110-86-1	Pyridine	ND		ug/kg dry	221	443	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 04:07	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	37.0 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	42.2 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	31.2 %	24-116								



Sample Information

Client Sample ID: B-18 14-16 ft

York Sample ID: 17B0374-21

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:45 pm

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.19	2.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/17/2017 11:22	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.19	2.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/17/2017 11:22	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.19	2.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/17/2017 11:22	SA
309-00-2	Aldrin	ND		ug/kg dry	2.19	2.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/17/2017 11:22	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.19	2.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/17/2017 11:22	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.19	2.19	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2017 09:02	02/17/2017 11:22	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.19	2.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/17/2017 11:22	SA
57-74-9	Chlordane, total	ND		ug/kg dry	43.7	43.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/17/2017 11:22	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.19	2.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/17/2017 11:22	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.19	2.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/17/2017 11:22	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.19	2.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/17/2017 11:22	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.19	2.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/17/2017 11:22	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.19	2.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/17/2017 11:22	SA
72-20-8	Endrin	ND		ug/kg dry	2.19	2.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/17/2017 11:22	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.19	2.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/17/2017 11:22	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.19	2.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/17/2017 11:22	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.19	2.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/17/2017 11:22	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.19	2.19	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2017 09:02	02/17/2017 11:22	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.19	2.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/17/2017 11:22	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.19	2.19	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/17/2017 11:22	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.9	10.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/17/2017 11:22	SA



Sample Information

Client Sample ID: B-18 14-16 ft

York Sample ID: 17B0374-21

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:45 pm

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	111	111	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/17/2017 11:22	SA
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	51.5 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	38.6 %			30-150						

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	0.0221	0.0221	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 15:55	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0221	0.0221	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 15:55	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0221	0.0221	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 15:55	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0221	0.0221	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 15:55	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0221	0.0221	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 15:55	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0221	0.0221	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 15:55	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0221	0.0221	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 15:55	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0221	0.0221	1	EPA 8082A Certifications:	02/16/2017 09:02	02/16/2017 15:55	SA
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						

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	4690		mg/kg dry	6.63	6.63	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV
7440-36-0	Antimony	ND		mg/kg dry	0.663	0.663	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV
7440-38-2	Arsenic	5.55		mg/kg dry	1.33	1.33	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV



Sample Information

Client Sample ID: B-18 14-16 ft

York Sample ID: 17B0374-21

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 1:45 pm

Date Received

02/10/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	139		mg/kg dry	1.33	1.33	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV
7440-41-7	Beryllium	0.597		mg/kg dry	0.133	0.133	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV
7440-43-9	Cadmium	0.441		mg/kg dry	0.398	0.398	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV
7440-70-2	Calcium	3710		mg/kg dry	0.663	6.63	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV
7440-47-3	Chromium	8.60		mg/kg dry	0.663	0.663	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV
7440-48-4	Cobalt	8.53		mg/kg dry	0.663	0.663	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV
7440-50-8	Copper	1460		mg/kg dry	0.663	0.663	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV
7439-89-6	Iron	7800		mg/kg dry	2.65	2.65	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV
7439-92-1	Lead	102		mg/kg dry	0.398	0.398	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV
7439-95-4	Magnesium	464	B	mg/kg dry	6.63	6.63	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV
7439-96-5	Manganese	161		mg/kg dry	0.663	0.663	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV
7440-02-0	Nickel	31.1		mg/kg dry	0.663	0.663	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV
7440-09-7	Potassium	352		mg/kg dry	6.63	6.63	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV
7782-49-2	Selenium	1.87		mg/kg dry	1.33	1.33	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV
7440-22-4	Silver	ND		mg/kg dry	0.663	0.663	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV
7440-23-5	Sodium	511		mg/kg dry	13.3	13.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:45	02/13/2017 20:51	KV
7440-28-0	Thallium	ND		mg/kg dry	1.33	1.33	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV
7440-62-2	Vanadium	20.1		mg/kg dry	1.33	1.33	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV
7440-66-6	Zinc	360		mg/kg dry	1.33	1.33	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 20:51	KV

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	0.533		mg/kg dry	0.0398	0.0398	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/16/2017 08:32	02/16/2017 14:15	KV



Sample Information

Client Sample ID: B-18 14-16 ft

York Sample ID: 17B0374-21

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 1:45 pm

Date Received
02/10/2017

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	75.4		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:53	02/16/2017 15:21	TAJ

Sample Information

Client Sample ID: B-19 0-2 ft

York Sample ID: 17B0374-22

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:00 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK



Sample Information

Client Sample ID: B-19 0-2 ft

York Sample ID: 17B0374-22

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:00 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	84	170	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
78-93-3	2-Butanone	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
591-78-6	2-Hexanone	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
67-64-1	Acetone	250		ug/kg dry	8.4	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
107-02-8	Acrolein	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
71-43-2	Benzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
75-25-2	Bromoform	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
74-83-9	Bromomethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK



Sample Information

Client Sample ID: B-19 0-2 ft

York Sample ID: 17B0374-22

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:00 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
67-66-3	Chloroform	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
74-87-3	Chloromethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
110-82-7	Cyclohexane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
74-95-3	Dibromomethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
79-20-9	Methyl acetate	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
75-09-2	Methylene chloride	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
95-47-6	o-Xylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:50	02/16/2017 00:04	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:50	02/16/2017 00:04	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK



Sample Information

Client Sample ID: B-19 0-2 ft

York Sample ID: 17B0374-22

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:00 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
100-42-5	Styrene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
108-88-3	Toluene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:04	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	13	25	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:04	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	77-125								
2037-26-5	Surrogate: Toluene-d8	110 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	86.4 %	76-130								

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH



Sample Information

Client Sample ID: B-19 0-2 ft

York Sample ID: 17B0374-22

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:00 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	105	210	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
83-32-9	Acenaphthene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
62-53-3	Aniline	ND		ug/kg dry	211	422	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
120-12-7	Anthracene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH



Sample Information

Client Sample ID: B-19 0-2 ft

York Sample ID: 17B0374-22

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:00 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
86-74-8	Carbazole	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
218-01-9	Chrysene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
206-44-0	Fluoranthene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
86-73-7	Fluorene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
78-59-1	Isophorone	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
91-20-3	Naphthalene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH



Sample Information

Client Sample ID: B-19 0-2 ft

York Sample ID: 17B0374-22

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:00 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
85-01-8	Phenanthrene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
129-00-0	Pyrene	ND		ug/kg dry	52.8	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
110-86-1	Pyridine	ND		ug/kg dry	211	422	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/17/2017 23:51	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	53.6 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	55.7 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	39.3 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:42	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:42	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:42	SA
309-00-2	Aldrin	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:42	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:42	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2017 09:02	02/16/2017 19:42	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:42	SA
57-74-9	Chlordane, total	ND		ug/kg dry	41.7	41.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:42	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:42	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:42	SA



Sample Information

Client Sample ID: B-19 0-2 ft

York Sample ID: 17B0374-22

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:00 pm

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:42	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:42	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:42	SA
72-20-8	Endrin	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:42	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:42	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:42	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:42	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2017 09:02	02/16/2017 19:42	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:42	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.08	2.08	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:42	SA
72-43-5	Methoxychlor	ND		ug/kg dry	10.4	10.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:42	SA
8001-35-2	Toxaphene	ND		ug/kg dry	105	105	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:42	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	58.8 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	55.0 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 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	0.0210	0.0210	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 16:12	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0210	0.0210	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 16:12	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0210	0.0210	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 16:12	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0210	0.0210	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 16:12	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0210	0.0210	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 16:12	SA



Sample Information

Client Sample ID: B-19 0-2 ft

York Sample ID: 17B0374-22

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:00 pm

Date Received
02/10/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0210	0.0210	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 16:12	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0210	0.0210	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 16:12	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0210	0.0210	1	EPA 8082A Certifications:	02/16/2017 09:02	02/16/2017 16:12	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	47.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	48.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4360		mg/kg dry	6.31	6.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV
7440-36-0	Antimony	ND		mg/kg dry	0.631	0.631	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV
7440-38-2	Arsenic	4.03		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV
7440-39-3	Barium	111		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV
7440-41-7	Beryllium	0.430		mg/kg dry	0.126	0.126	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV
7440-43-9	Cadmium	0.384		mg/kg dry	0.379	0.379	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV
7440-70-2	Calcium	9030		mg/kg dry	0.631	6.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV
7440-47-3	Chromium	9.93		mg/kg dry	0.631	0.631	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV
7440-48-4	Cobalt	7.41		mg/kg dry	0.631	0.631	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV
7440-50-8	Copper	32.3		mg/kg dry	0.631	0.631	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV
7439-89-6	Iron	18900		mg/kg dry	2.52	2.52	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV
7439-92-1	Lead	113		mg/kg dry	0.379	0.379	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV
7439-95-4	Magnesium	366	B	mg/kg dry	6.31	6.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV
7439-96-5	Manganese	129		mg/kg dry	0.631	0.631	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV
7440-02-0	Nickel	17.1		mg/kg dry	0.631	0.631	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV



Sample Information

Client Sample ID: B-19 0-2 ft

York Sample ID: 17B0374-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0374

1700655

Soil

February 8, 2017 2:00 pm

02/10/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	574		mg/kg dry	6.31	6.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV
7782-49-2	Selenium	4.54		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV
7440-22-4	Silver	ND		mg/kg dry	0.631	0.631	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV
7440-23-5	Sodium	430		mg/kg dry	12.6	12.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:45	02/13/2017 21:15	KV
7440-28-0	Thallium	ND		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV
7440-62-2	Vanadium	16.8		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV
7440-66-6	Zinc	176		mg/kg dry	1.26	1.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:15	KV

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	0.0732		mg/kg dry	0.0379	0.0379	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/16/2017 08:32	02/16/2017 14:24	KV

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	79.2		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:53	02/16/2017 15:21	TAJ

Sample Information

Client Sample ID: B-19 6-8 ft

York Sample ID: 17B0374-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0374

1700655

Soil

February 8, 2017 2:15 pm

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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



Sample Information

Client Sample ID: B-19 6-8 ft

York Sample ID: 17B0374-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0374

1700655

Soil

February 8, 2017 2:15 pm

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	130	250	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
78-93-3	2-Butanone	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK



Sample Information

Client Sample ID: B-19 6-8 ft

York Sample ID: 17B0374-23

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:15 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
67-64-1	Acetone	58		ug/kg dry	13	25	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
107-02-8	Acrolein	ND		ug/kg dry	13	25	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
71-43-2	Benzene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
75-25-2	Bromoform	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
74-83-9	Bromomethane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
75-00-3	Chloroethane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
67-66-3	Chloroform	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
74-87-3	Chloromethane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
110-82-7	Cyclohexane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
74-95-3	Dibromomethane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK



Sample Information

Client Sample ID: B-19 6-8 ft

York Sample ID: 17B0374-23

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:15 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
79-20-9	Methyl acetate	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
75-09-2	Methylene chloride	ND		ug/kg dry	13	25	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
95-47-6	o-Xylene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:50	02/16/2017 00:34	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	13	25	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:50	02/16/2017 00:34	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
100-42-5	Styrene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	13	25	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
108-88-3	Toluene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 00:34	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK



Sample Information

Client Sample ID: B-19 6-8 ft

York Sample ID: 17B0374-23

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:15 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	19	38	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 00:34	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.3 %			77-125						
2037-26-5	Surrogate: Toluene-d8	108 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	93.3 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	117	234	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH



Sample Information

Client Sample ID: B-19 6-8 ft

York Sample ID: 17B0374-23

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:15 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	117	234	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
83-32-9	Acenaphthene	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
62-53-3	Aniline	ND		ug/kg dry	235	469	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
120-12-7	Anthracene	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
56-55-3	Benzo(a)anthracene	172		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
50-32-8	Benzo(a)pyrene	90.9	J	ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
205-99-2	Benzo(b)fluoranthene	129		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
191-24-2	Benzo(g,h,i)perylene	66.5	J	ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
207-08-9	Benzo(k)fluoranthene	142		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
86-74-8	Carbazole	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
218-01-9	Chrysene	188		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH



Sample Information

Client Sample ID: B-19 6-8 ft

York Sample ID: 17B0374-23

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:15 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
206-44-0	Fluoranthene	289		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
86-73-7	Fluorene	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
193-39-5	Indeno(1,2,3-cd)pyrene	66.5	J	ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
78-59-1	Isophorone	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
91-20-3	Naphthalene	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
85-01-8	Phenanthrene	106	J	ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
129-00-0	Pyrene	301		ug/kg dry	58.7	117	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
110-86-1	Pyridine	ND		ug/kg dry	235	469	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:23	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	26.7 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	31.2 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	22.7 %	24-116								



Sample Information

Client Sample ID: B-19 6-8 ft

York Sample ID: 17B0374-23

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:15 pm

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:57	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:57	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:57	SA
309-00-2	Aldrin	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:57	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:57	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2017 09:02	02/16/2017 19:57	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:57	SA
57-74-9	Chlordane, total	ND		ug/kg dry	46.4	46.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:57	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:57	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:57	SA
959-98-8	Endosulfan I	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:57	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:57	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:57	SA
72-20-8	Endrin	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:57	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:57	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:57	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:57	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2017 09:02	02/16/2017 19:57	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:57	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.32	2.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:57	SA
72-43-5	Methoxychlor	ND		ug/kg dry	11.6	11.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 19:57	SA



Sample Information

Client Sample ID: B-19 6-8 ft

York Sample ID: 17B0374-23

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:15 pm

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	117	117	5	EPA 8081B	02/16/2017 09:02	02/16/2017 19:57	SA
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	70.6 %		30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	65.0 %		30-150							

Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP

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	0.0234	0.0234	1	EPA 8082A	02/16/2017 09:02	02/16/2017 16:28	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0234	0.0234	1	EPA 8082A	02/16/2017 09:02	02/16/2017 16:28	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0234	0.0234	1	EPA 8082A	02/16/2017 09:02	02/16/2017 16:28	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0234	0.0234	1	EPA 8082A	02/16/2017 09:02	02/16/2017 16:28	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0234	0.0234	1	EPA 8082A	02/16/2017 09:02	02/16/2017 16:28	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0234	0.0234	1	EPA 8082A	02/16/2017 09:02	02/16/2017 16:28	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0234	0.0234	1	EPA 8082A	02/16/2017 09:02	02/16/2017 16:28	SA
		Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP									
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0234	0.0234	1	EPA 8082A	02/16/2017 09:02	02/16/2017 16:28	SA
		Certifications:									
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	45.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	54.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	15700		mg/kg dry	7.03	7.03	1	EPA 6010C	02/13/2017 12:45	02/13/2017 21:20	KV
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
7440-36-0	Antimony	60.7		mg/kg dry	0.703	0.703	1	EPA 6010C	02/13/2017 12:45	02/13/2017 21:20	KV
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
7440-38-2	Arsenic	117		mg/kg dry	1.41	1.41	1	EPA 6010C	02/13/2017 12:45	02/13/2017 21:20	KV
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									
7440-39-3	Barium	2040		mg/kg dry	1.41	1.41	1	EPA 6010C	02/13/2017 12:45	02/13/2017 21:20	KV
		Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP									



Sample Information

Client Sample ID: B-19 6-8 ft

York Sample ID: 17B0374-23

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:15 pm

Date Received
02/10/2017

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	0.958		mg/kg dry	0.141	0.141	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:20	KV
7440-43-9	Cadmium	2.01		mg/kg dry	0.422	0.422	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:20	KV
7440-70-2	Calcium	5820		mg/kg dry	0.703	7.03	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:20	KV
7440-47-3	Chromium	41.5		mg/kg dry	0.703	0.703	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:20	KV
7440-48-4	Cobalt	12.3		mg/kg dry	0.703	0.703	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:20	KV
7440-50-8	Copper	1310		mg/kg dry	0.703	0.703	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:20	KV
7439-89-6	Iron	15900		mg/kg dry	2.81	2.81	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:20	KV
7439-92-1	Lead	2790		mg/kg dry	0.422	0.422	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:20	KV
7439-95-4	Magnesium	1520	B	mg/kg dry	7.03	7.03	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:20	KV
7439-96-5	Manganese	404		mg/kg dry	0.703	0.703	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:20	KV
7440-02-0	Nickel	33.8		mg/kg dry	0.703	0.703	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:20	KV
7440-09-7	Potassium	1210		mg/kg dry	7.03	7.03	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:20	KV
7782-49-2	Selenium	82.2		mg/kg dry	1.41	1.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:20	KV
7440-22-4	Silver	2.90		mg/kg dry	0.703	0.703	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:20	KV
7440-23-5	Sodium	873		mg/kg dry	14.1	14.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:45	02/13/2017 21:20	KV
7440-28-0	Thallium	ND		mg/kg dry	1.41	1.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:20	KV
7440-62-2	Vanadium	44.9		mg/kg dry	1.41	1.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:20	KV
7440-66-6	Zinc	567		mg/kg dry	1.41	1.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:20	KV

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0464	0.0464	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/17/2017 19:19	02/17/2017 19:19	AA



Sample Information

Client Sample ID: B-19 6-8 ft

York Sample ID: 17B0374-23

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:15 pm

Date Received
02/10/2017

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	71.1		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:53	02/16/2017 15:21	TAJ

Sample Information

Client Sample ID: B-19 14-16 ft

York Sample ID: 17B0374-24

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:30 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK



Sample Information

Client Sample ID: B-19 14-16 ft

York Sample ID: 17B0374-24

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:30 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	120	230	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
591-78-6	2-Hexanone	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
67-64-1	Acetone	160		ug/kg dry	12	23	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
107-02-8	Acrolein	ND		ug/kg dry	12	23	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
71-43-2	Benzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
75-25-2	Bromoform	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK



Sample Information

Client Sample ID: B-19 14-16 ft

York Sample ID: 17B0374-24

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:30 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
67-66-3	Chloroform	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
110-82-7	Cyclohexane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
79-20-9	Methyl acetate	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
75-09-2	Methylene chloride	ND		ug/kg dry	12	23	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:50	02/16/2017 01:04	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	23	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 17:50	02/16/2017 01:04	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK



Sample Information

Client Sample ID: B-19 14-16 ft

York Sample ID: 17B0374-24

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:30 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
100-42-5	Styrene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	12	23	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
127-18-4	Tetrachloroethylene	5.9	J	ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
108-88-3	Toluene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 17:50	02/16/2017 01:04	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	17	35	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 17:50	02/16/2017 01:04	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.7 %	77-125								
2037-26-5	Surrogate: Toluene-d8	117 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	96.6 %	76-130								

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH



Sample Information

Client Sample ID: B-19 14-16 ft

York Sample ID: 17B0374-24

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:30 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	113	226	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	113	226	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
83-32-9	Acenaphthene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
62-53-3	Aniline	ND		ug/kg dry	226	453	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
120-12-7	Anthracene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH



Sample Information

Client Sample ID: B-19 14-16 ft

York Sample ID: 17B0374-24

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:30 pm

Date Received
02/10/2017

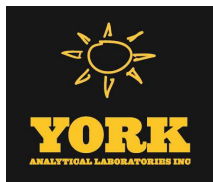
Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
86-74-8	Carbazole	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
218-01-9	Chrysene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
206-44-0	Fluoranthene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
86-73-7	Fluorene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
78-59-1	Isophorone	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
91-20-3	Naphthalene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH



Sample Information

Client Sample ID: B-19 14-16 ft

York Sample ID: 17B0374-24

York Project (SDG) No.

17B0374

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 8, 2017 2:30 pm

Date Received

02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
85-01-8	Phenanthrene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
129-00-0	Pyrene	ND		ug/kg dry	56.7	113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
110-86-1	Pyridine	ND		ug/kg dry	226	453	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 08:59	02/18/2017 00:55	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	52.6 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	53.3 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	39.0 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 20:12	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 20:12	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 20:12	SA
309-00-2	Aldrin	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 20:12	SA
319-84-6	alpha-BHC	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 20:12	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2017 09:02	02/16/2017 20:12	SA
319-85-7	beta-BHC	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 20:12	SA
57-74-9	Chlordane, total	ND		ug/kg dry	44.7	44.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 20:12	SA
319-86-8	delta-BHC	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 20:12	SA
60-57-1	Dieldrin	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 20:12	SA



Sample Information

Client Sample ID: B-19 14-16 ft

York Sample ID: 17B0374-24

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:30 pm

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 20:12	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 20:12	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 20:12	SA
72-20-8	Endrin	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 20:12	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 20:12	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 20:12	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 20:12	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2017 09:02	02/16/2017 20:12	SA
76-44-8	Heptachlor	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 20:12	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.24	2.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 20:12	SA
72-43-5	Methoxychlor	ND		ug/kg dry	11.2	11.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 20:12	SA
8001-35-2	Toxaphene	ND		ug/kg dry	113	113	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 20:12	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	55.7 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	52.3 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 16:44	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 16:44	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 16:44	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 16:44	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 16:44	SA



Sample Information

Client Sample ID: B-19 14-16 ft

York Sample ID: 17B0374-24

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:30 pm

Date Received
02/10/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 16:44	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2017 09:02	02/16/2017 16:44	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0226	0.0226	1	EPA 8082A Certifications:	02/16/2017 09:02	02/16/2017 16:44	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	41.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	49.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5340		mg/kg dry	6.78	6.78	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV
7440-36-0	Antimony	ND		mg/kg dry	0.678	0.678	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV
7440-38-2	Arsenic	7.30		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV
7440-39-3	Barium	241		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV
7440-41-7	Beryllium	0.627		mg/kg dry	0.136	0.136	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV
7440-43-9	Cadmium	0.509		mg/kg dry	0.407	0.407	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV
7440-70-2	Calcium	4630		mg/kg dry	0.678	6.78	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV
7440-47-3	Chromium	11.6		mg/kg dry	0.678	0.678	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV
7440-48-4	Cobalt	8.94		mg/kg dry	0.678	0.678	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV
7440-50-8	Copper	196		mg/kg dry	0.678	0.678	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV
7439-89-6	Iron	6550		mg/kg dry	2.71	2.71	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV
7439-92-1	Lead	237		mg/kg dry	0.407	0.407	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV
7439-95-4	Magnesium	800	B	mg/kg dry	6.78	6.78	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV
7439-96-5	Manganese	111		mg/kg dry	0.678	0.678	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV
7440-02-0	Nickel	19.6		mg/kg dry	0.678	0.678	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV



Sample Information

Client Sample ID: B-19 14-16 ft

York Sample ID: 17B0374-24

York Project (SDG) No.
17B0374

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 8, 2017 2:30 pm

Date Received
02/10/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	629		mg/kg dry	6.78	6.78	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV
7782-49-2	Selenium	ND		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV
7440-22-4	Silver	ND		mg/kg dry	0.678	0.678	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV
7440-23-5	Sodium	488		mg/kg dry	13.6	13.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 12:45	02/13/2017 21:28	KV
7440-28-0	Thallium	ND		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV
7440-62-2	Vanadium	24.0		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV
7440-66-6	Zinc	235		mg/kg dry	1.36	1.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:45	02/13/2017 21:28	KV

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0447	0.0447	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/17/2017 19:19	02/17/2017 19:19	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	73.8		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/16/2017 08:53	02/16/2017 15:21	TAJ



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17B0374-01	B-12 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-02	B-12 6-8 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-03	B-12 14-16 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-04	B-13 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-05	B-13 14-16 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-06	B-13 6-8 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-07	B-14 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-08	B-14 6-8 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-09	B-14 14-16 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-10	B-15 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-11	B-15 6-8 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-12	B-15 14-16 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-13	B-16 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-14	B-16 6-8 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-15	B-16 14-16 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-16	B-17 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-17	B-17 6-8 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-18	B-17 14-16 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-19	B-18 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-20	B-18 6-8 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-21	B-18 14-16 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-22	B-19 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-23	B-19 6-8 ft	40mL Vial with Stir Bar-Cool 4° C
17B0374-24	B-19 14-16 ft	40mL Vial with Stir Bar-Cool 4° C



Notes and Definitions

QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-MISpk	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The SRM was within acceptance limits, therefore data are acceptable.
M-LSRD	Original sample conc <50 X reporting limit.
M-HCSpk	Sample conc. >10 X spike conc.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
GC-SCu	This surrogate recovered below control limits due to extract clean-up required. The alternate surrogate, Decachlorobiphenyl is within control limits.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.



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

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

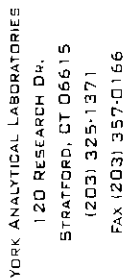
2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

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

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to correct the SVOA reporting list.



Field Chain-of-Custody Record

Page / of 3

York Project No. 1780374

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.

[illegible]

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
B-12 0-2 ft	2/8/17 0845	S	VOCs, SVOCs, Pest/RB, TAL Metals + CP 51 table 2 1-EO2, 4-4-11-A	
B-12 6-8 ft	0900			
B-12 14-16 ft	0915			
B-13 0-2 ft	0930			
B-13 14-16 ft	1000			
B-13 6-8 ft	0945			
B-14 0-2 ft	1015			
B-14 6-8 ft	1030			
B-14 14-16 ft	1045			
B-15 0-2 ft	1100			

Comments
 444014022 Concord Village Pring
 Part 375 plus 444014022 CP-51
 44402

Temperature on Receipt
 43.3 °C

Preservation
 Check those Applicable
 Special Instructions
 Field Filtered
 Lab to Filter

4°C ☒ **Frozen** **HCl** **MeOH** **Ascorbic Acid** **HNO₃** **H₂SO₄** **NaOH** **Other**

Samples Relinquished By **Date/Time**
 [Signature] 2/10/17 15:31

Samples Relinquished By **Date/Time**
 [Signature] 2/10/17 15:31

Samples Received By **Date/Time**
 [Signature] 2/10/17 15:31

Samples Received in LAB by **Date/Time**
 [Signature] 2/10/17 15:31

Page 235 of 237



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

Field Chain-of-Custody Record

Page 2 of 3

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.

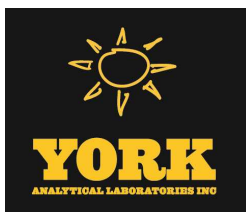
York Project No. 1700655

YOUR Information Company: <u>GETCO's</u> Address: <u>110 W. Main St. Stratford, CT 06615</u> Phone No: <u>(203) 357-2974</u> Contact Person: <u>Wendy</u> E-Mail Address: <u>wendy@getco.com</u>		Report To: Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>email</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR Project ID <u>1700655</u> Purchase Order No. <u>1700655</u>		Turn-Around Time RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard (5-7 Days) ☒		Report Type Summary Report ☒ Summary w/ QA Summary ☐ CT RCP Package ☐ CTRCP DQA/DUE Pkg ☐ NY ASP A Package ☐ NY ASP B Package ☒ NJDEP Red. Deliv. ☐ Electronic Data Deliverables (EDD) ☐ Simple Excel ☒ NYSDEC EQUIS ☐ EQUIS (std) ☐ EZ-EDD (EQUIS) ☐ NJDEP SRP HazSite EDD ☐ GIS/KEY (std) ☐ Other _____ York Regulatory Comparison ☒ Excel Spreadsheet ☐ Compare to the following Regs. (please fill in): <u>NYSDEC Part 375</u> <u>unregulated restricted</u>	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)
Nicholas
Name (printed)
Nicholas

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below										Container Description(s)
B-15 6-8 ft	2-8-17 1115	S	VOCs, SVOCs, Pest/PCBs, TAL Metals										1-8oz, 4 Terra
B-15 14-16 ft	1130												
B-16 0-2 ft	1145												
B-16 6-8 ft	1200												
B-16 14-16 ft	1215												
B-17 0-2 ft	1230												
B-17 6-8 ft	1245												
B-17 14-16 ft	1300												
B-18 0-2 ft	1315												
B-18 6-8 ft	1330												



Technical Report

prepared for:

GEI Consultants, Inc
110 Walt Whitman Road, Suite 204
Huntington Station NY, 11746
Attention: Nick Recchia

Report Date: 02/17/2017
Client Project ID: 1700655
York Project (SDG) No.: 17B0286

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 02/17/2017
Client Project ID: 1700655
York Project (SDG) No.: 17B0286

GEI Consultants, Inc
110 Walt Whitman Road, Suite 204
Huntington Station NY, 11746
Attention: Nick Recchia

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 February 08, 2017 and listed below. The project was identified as your project: **1700655**.

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>
17B0286-01	B-1 0-2ft	Soil	02/07/2017	02/08/2017
17B0286-02	B-1 6-8ft	Soil	02/07/2017	02/08/2017
17B0286-03	B-1 14-16ft	Soil	02/07/2017	02/08/2017
17B0286-04	B-2 0-2ft	Soil	02/07/2017	02/08/2017
17B0286-05	B-2 6-8ft	Soil	02/07/2017	02/08/2017
17B0286-06	B-2 14-16ft	Soil	02/07/2017	02/08/2017
17B0286-07	B-3 0-2ft	Soil	02/07/2017	02/08/2017
17B0286-08	B-3 6-8ft	Soil	02/07/2017	02/08/2017
17B0286-09	B-3 14-16ft	Soil	02/07/2017	02/08/2017
17B0286-10	B-4 0-2ft	Soil	02/07/2017	02/08/2017
17B0286-11	B-4 6-8ft	Soil	02/07/2017	02/08/2017
17B0286-12	B-4 14-16ft	Soil	02/07/2017	02/08/2017
17B0286-13	B-5 0-2ft	Soil	02/07/2017	02/08/2017
17B0286-14	B-5 6-8ft	Soil	02/07/2017	02/08/2017
17B0286-15	B-5 14-16ft	Soil	02/07/2017	02/08/2017
17B0286-16	B-6 0-2ft	Soil	02/07/2017	02/08/2017
17B0286-17	B-6 6-8ft	Soil	02/07/2017	02/08/2017
17B0286-18	B-6 14-16ft	Soil	02/07/2017	02/08/2017
17B0286-19	B-7 0-2ft	Soil	02/07/2017	02/08/2017
17B0286-20	B-7 6-8ft	Soil	02/07/2017	02/08/2017
17B0286-21	B-7 14-16ft	Soil	02/07/2017	02/08/2017
17B0286-22	B-8 0-2ft	Soil	02/07/2017	02/08/2017
17B0286-23	B-8 6-8ft	Soil	02/07/2017	02/08/2017

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
17B0286-24	B-8 14-16ft	Soil	02/07/2017	02/08/2017

General Notes for York Project (SDG) No.: 17B0286

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.
9. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 02/17/2017





Sample Information

Client Sample ID: B-1 0-2ft

York Sample ID: 17B0286-01

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 9:00 am

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
78-93-3	2-Butanone	3.7	J	ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK



Sample Information

Client Sample ID: B-1 0-2ft

York Sample ID: 17B0286-01

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 9:00 am

Date Received

02/08/2017

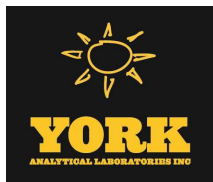
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
67-64-1	Acetone	180		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK



Sample Information

Client Sample ID: B-1 0-2ft

York Sample ID: 17B0286-01

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 9:00 am

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
79-20-9	Methyl acetate	3.4	J	ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/14/2017 08:15	02/14/2017 16:13	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/14/2017 08:15	02/14/2017 16:13	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
75-65-0	tert-Butyl alcohol (TBA)	3.7	J	ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:13	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:13	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.6 %	77-125								



Sample Information

Client Sample ID: B-1 0-2ft

York Sample ID: 17B0286-01

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 9:00 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: Toluene-d8	88.2 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	106 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.7	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.7	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
62-53-3	Aniline	ND		ug/kg dry	180	359	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
120-12-7	Anthracene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH



Sample Information

Client Sample ID: B-1 0-2ft

York Sample ID: 17B0286-01

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 9:00 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
86-74-8	Carbazole	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
218-01-9	Chrysene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
206-44-0	Fluoranthene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
86-73-7	Fluorene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH



Sample Information

Client Sample ID: B-1 0-2ft

York Sample ID: 17B0286-01

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 9:00 am

Date Received

02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
78-59-1	Isophorone	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
85-01-8	Phenanthrene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
129-00-0	Pyrene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
110-86-1	Pyridine	ND		ug/kg dry	180	359	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 19:59	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	40.3 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	36.3 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	29.2 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:22	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:22	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:22	SA
309-00-2	Aldrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:22	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:22	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:13	02/15/2017 01:22	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:22	SA
57-74-9	Chlordane, total	ND		ug/kg dry	35.5	35.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:22	SA



Sample Information

Client Sample ID: B-1 0-2ft

York Sample ID: 17B0286-01

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 9:00 am

Date Received
02/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:22	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:22	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:22	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:22	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:22	SA
72-20-8	Endrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:22	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:22	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:22	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:22	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:13	02/15/2017 01:22	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:22	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:22	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.87	8.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:22	SA
8001-35-2	Toxaphene	ND		ug/kg dry	89.8	89.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:22	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	52.1 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	45.6 %	30-150								

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	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 08:47	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 08:47	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 08:47	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 08:47	SA



Sample Information

Client Sample ID: B-1 0-2ft

York Sample ID: 17B0286-01

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 9:00 am

Date Received
02/08/2017

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
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 08:47	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 08:47	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 08:47	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications:	02/14/2017 08:13	02/15/2017 08:47	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	43.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	43.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6530		mg/kg dry	5.38	5.38	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV
7440-36-0	Antimony	ND		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV
7440-38-2	Arsenic	1.08		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV
7440-39-3	Barium	25.7		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV
7440-41-7	Beryllium	0.168		mg/kg dry	0.108	0.108	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.323	0.323	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV
7440-70-2	Calcium	600		mg/kg dry	0.538	5.38	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV
7440-47-3	Chromium	7.73		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV
7440-48-4	Cobalt	5.41		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV
7440-50-8	Copper	8.53		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV
7439-89-6	Iron	11900		mg/kg dry	2.15	2.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV
7439-92-1	Lead	4.39		mg/kg dry	0.323	0.323	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV
7439-95-4	Magnesium	2590		mg/kg dry	5.38	5.38	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV



Sample Information

Client Sample ID: B-1 0-2ft

York Sample ID: 17B0286-01

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 9:00 am

Date Received
02/08/2017

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	257		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV
7440-02-0	Nickel	12.0		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV
7440-09-7	Potassium	713		mg/kg dry	5.38	5.38	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV
7782-49-2	Selenium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV
7440-22-4	Silver	ND		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV
7440-23-5	Sodium	290		mg/kg dry	10.8	10.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:12	02/10/2017 21:24	KV
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV
7440-62-2	Vanadium	11.2		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV
7440-66-6	Zinc	27.7		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:24	KV

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	0.0323	0.0323	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/13/2017 06:41	02/13/2017 16:03	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.0		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/14/2017 10:19	02/14/2017 13:55	TJM

Sample Information

Client Sample ID: B-1 6-8ft

York Sample ID: 17B0286-02

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 9:15 am

Date Received
02/08/2017



Sample Information

Client Sample ID: B-1 6-8ft

York Sample ID: 17B0286-02

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 9:15 am

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK



Sample Information

Client Sample ID: B-1 6-8ft

York Sample ID: 17B0286-02

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 9:15 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	25		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK



Sample Information

Client Sample ID: B-1 6-8ft

York Sample ID: 17B0286-02

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 9:15 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/14/2017 08:15	02/14/2017 16:45	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/14/2017 08:15	02/14/2017 16:45	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
100-42-5	Styrene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 16:45	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 16:45	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	77-125								
2037-26-5	Surrogate: Toluene-d8	92.3 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	104 %	76-130								



Sample Information

Client Sample ID: B-1 6-8ft

York Sample ID: 17B0286-02

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

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February 7, 2017 9:15 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.7	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.7	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
62-53-3	Aniline	ND		ug/kg dry	180	359	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
120-12-7	Anthracene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH



Sample Information

Client Sample ID: B-1 6-8ft

York Sample ID: 17B0286-02

York Project (SDG) No.
17B0286

Client Project ID
1700655

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February 7, 2017 9:15 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
86-74-8	Carbazole	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
218-01-9	Chrysene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
206-44-0	Fluoranthene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
86-73-7	Fluorene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
78-59-1	Isophorone	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH



Sample Information

Client Sample ID: B-1 6-8ft

York Sample ID: 17B0286-02

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 9:15 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
85-01-8	Phenanthrene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
129-00-0	Pyrene	ND		ug/kg dry	45.0	89.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
110-86-1	Pyridine	ND		ug/kg dry	180	359	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:06	KH
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	35.0 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	45.5 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	42.8 %		24-116							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:37	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:37	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:37	SA
309-00-2	Aldrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:37	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:37	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:13	02/15/2017 01:37	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:37	SA
57-74-9	Chlordane, total	ND		ug/kg dry	35.5	35.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:37	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:37	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:37	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:37	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:37	SA



Sample Information

Client Sample ID: B-1 6-8ft

York Sample ID: 17B0286-02

York Project (SDG) No.
17B0286

Client Project ID
1700655

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February 7, 2017 9:15 am

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02/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:37	SA
72-20-8	Endrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:37	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:37	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:37	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:37	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:13	02/15/2017 01:37	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:37	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:37	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.87	8.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:37	SA
8001-35-2	Toxaphene	ND		ug/kg dry	89.8	89.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:37	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	51.1 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	44.5 %	30-150								

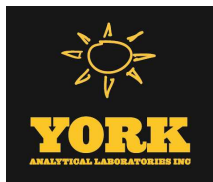
Polychlorinated Biphenyls (PCB)

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	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 09:11	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 09:11	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 09:11	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 09:11	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 09:11	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 09:11	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 09:11	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications:	02/14/2017 08:13	02/15/2017 09:11	SA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: B-1 6-8ft

York Sample ID: 17B0286-02

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

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February 7, 2017 9:15 am

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	Surrogate: Tetrachloro-m-xylene	39.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	37.5 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6050		mg/kg dry	5.38	5.38	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:54	KV
7440-36-0	Antimony	ND		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:54	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:54	KV
7440-39-3	Barium	38.1		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:54	KV
7440-41-7	Beryllium	0.127		mg/kg dry	0.108	0.108	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:54	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.323	0.323	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:54	KV
7440-70-2	Calcium	522		mg/kg dry	0.538	5.38	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:54	KV
7440-47-3	Chromium	7.37		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:54	KV
7440-48-4	Cobalt	5.22		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:54	KV
7440-50-8	Copper	8.76		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:54	KV
7439-89-6	Iron	10700		mg/kg dry	2.15	2.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:54	KV
7439-92-1	Lead	4.38		mg/kg dry	0.323	0.323	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:54	KV
7439-95-4	Magnesium	2340		mg/kg dry	5.38	5.38	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:54	KV
7439-96-5	Manganese	319		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:54	KV
7440-02-0	Nickel	10.2		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:54	KV
7440-09-7	Potassium	714		mg/kg dry	5.38	5.38	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:54	KV
7782-49-2	Selenium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:54	KV
7440-22-4	Silver	ND		mg/kg dry	0.538	0.538	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:54	KV



Sample Information

Client Sample ID: B-1 6-8ft

York Sample ID: 17B0286-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0286

1700655

Soil

February 7, 2017 9:15 am

02/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	178		mg/kg dry	10.8	10.8	1	EPA 6010C	02/10/2017 15:12	02/10/2017 21:54	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C	02/10/2017 15:12	02/10/2017 21:54	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	9.94		mg/kg dry	1.08	1.08	1	EPA 6010C	02/10/2017 15:12	02/10/2017 21:54	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	25.7		mg/kg dry	1.08	1.08	1	EPA 6010C	02/10/2017 15:12	02/10/2017 21:54	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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	0.0323	0.0323	1	EPA 7473	02/13/2017 06:41	02/13/2017 16:12	ALD
								Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.0		%	0.100	0.100	1	SM 2540G	02/14/2017 10:19	02/14/2017 13:55	TJM
								Certifications:	CTDOH		

Sample Information

Client Sample ID: B-1 14-16ft

York Sample ID: 17B0286-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

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1700655

Soil

February 7, 2017 9:30 am

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/14/2017 08:15	02/14/2017 17:17	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/14/2017 08:15	02/14/2017 17:17	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/14/2017 08:15	02/14/2017 17:17	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: B-1 14-16ft

York Sample ID: 17B0286-03

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 9:30 am

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 17:17	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 17:17	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 17:17	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 17:17	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 17:17	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 17:17	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 17:17	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
67-64-1	Acetone	120		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
107-02-8	Acrolein	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK



Sample Information

Client Sample ID: B-1 14-16ft

York Sample ID: 17B0286-03

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 9:30 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 17:17	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 17:17	BK
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 17:17	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 17:17	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 17:17	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 17:17	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 17:17	BK
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 17:17	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 17:17	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 17:17	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 17:17	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 17:17	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 17:17	BK



Sample Information

Client Sample ID: B-1 14-16ft

York Sample ID: 17B0286-03

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 9:30 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.0	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.0	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
83-32-9	Acenaphthene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
62-53-3	Aniline	ND		ug/kg dry	188	377	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
120-12-7	Anthracene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH



Sample Information

Client Sample ID: B-1 14-16ft

York Sample ID: 17B0286-03

York Project (SDG) No.
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Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
86-74-8	Carbazole	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
218-01-9	Chrysene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
206-44-0	Fluoranthene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
86-73-7	Fluorene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
78-59-1	Isophorone	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH



Sample Information

Client Sample ID: B-1 14-16ft

York Sample ID: 17B0286-03

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

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February 7, 2017 9:30 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
85-01-8	Phenanthrene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
129-00-0	Pyrene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
110-86-1	Pyridine	ND		ug/kg dry	188	377	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 00:40	KH
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	36.0 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	43.1 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	37.4 %		24-116							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:52	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:52	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:52	SA
309-00-2	Aldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:52	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:52	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:13	02/15/2017 01:52	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:52	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.2	37.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:52	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:52	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:52	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:52	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:52	SA



Sample Information

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:52	SA
72-20-8	Endrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:52	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:52	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:52	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:52	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:13	02/15/2017 01:52	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:52	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:52	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.30	9.30	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:52	SA
8001-35-2	Toxaphene	ND		ug/kg dry	94.1	94.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 01:52	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	52.7 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	44.7 %	30-150								

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	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 09:35	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 09:35	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 09:35	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 09:35	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 09:35	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 09:35	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:13	02/15/2017 09:35	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications:	02/14/2017 08:13	02/15/2017 09:35	SA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: B-1 14-16ft

York Sample ID: 17B0286-03

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 9:30 am

Date Received
02/08/2017

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
877-09-8	Surrogate: Tetrachloro-m-xylene	40.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	36.0 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6360		mg/kg dry	5.64	5.64	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV
7440-36-0	Antimony	ND		mg/kg dry	0.564	0.564	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV
7440-39-3	Barium	35.6		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV
7440-41-7	Beryllium	0.165		mg/kg dry	0.113	0.113	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.338	0.338	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV
7440-70-2	Calcium	943		mg/kg dry	0.564	5.64	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV
7440-47-3	Chromium	8.78		mg/kg dry	0.564	0.564	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV
7440-48-4	Cobalt	6.24		mg/kg dry	0.564	0.564	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV
7440-50-8	Copper	14.2		mg/kg dry	0.564	0.564	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV
7439-89-6	Iron	13600		mg/kg dry	2.25	2.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV
7439-92-1	Lead	4.96		mg/kg dry	0.338	0.338	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV
7439-95-4	Magnesium	2690		mg/kg dry	5.64	5.64	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV
7439-96-5	Manganese	391		mg/kg dry	0.564	0.564	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV
7440-02-0	Nickel	13.1		mg/kg dry	0.564	0.564	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV
7440-09-7	Potassium	1000		mg/kg dry	5.64	5.64	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV
7782-49-2	Selenium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV
7440-22-4	Silver	ND		mg/kg dry	0.564	0.564	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV



Sample Information

Client Sample ID: B-1 14-16ft

York Sample ID: 17B0286-03

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 9:30 am

Date Received
02/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	120		mg/kg dry	11.3	11.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:12	02/10/2017 21:59	KV
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV
7440-62-2	Vanadium	12.2		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV
7440-66-6	Zinc	31.4		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 21:59	KV

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	0.0338	0.0338	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/13/2017 06:41	02/13/2017 16:21	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.7		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/14/2017 10:19	02/14/2017 13:55	TJM

Sample Information

Client Sample ID: B-2 0-2ft

York Sample ID: 17B0286-04

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 9:45 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK



Sample Information

Client Sample ID: B-2 0-2ft

York Sample ID: 17B0286-04

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 9:45 am

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	ug/kg dry	8.3	17	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	ug/kg dry	8.3	17	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/kg dry	8.3	17	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	170	330	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
78-93-3	2-Butanone	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
591-78-6	2-Hexanone	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
67-64-1	Acetone	120	B	ug/kg dry	17	33	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
107-02-8	Acrolein	ND		ug/kg dry	17	33	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK



Sample Information

Client Sample ID: B-2 0-2ft

York Sample ID: 17B0286-04

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 9:45 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK
75-25-2	Bromoform	ND	IS-LO	ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK
74-83-9	Bromomethane	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK
75-00-3	Chloroethane	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK
67-66-3	Chloroform	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK
74-87-3	Chloromethane	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK
110-82-7	Cyclohexane	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK
74-95-3	Dibromomethane	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:39	BK
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/kg dry	8.3	17	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
98-82-8	Isopropylbenzene	ND	IS-LO	ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
79-20-9	Methyl acetate	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:39	BK



Sample Information

Client Sample ID: B-2 0-2ft

York Sample ID: 17B0286-04

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 9:45 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.2	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.2	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
208-96-8	Acenaphthylene	53.7	J	ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
62-53-3	Aniline	ND		ug/kg dry	175	349	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
120-12-7	Anthracene	129		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
56-55-3	Benzo(a)anthracene	683		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
50-32-8	Benzo(a)pyrene	362		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
205-99-2	Benzo(b)fluoranthene	961		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
191-24-2	Benzo(g,h,i)perylene	270	IS-06	ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH



Sample Information

Client Sample ID: B-2 0-2ft

York Sample ID: 17B0286-04

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
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February 7, 2017 9:45 am

Date Received
02/08/2017

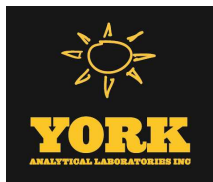
Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	657		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
117-81-7	Bis(2-ethylhexyl)phthalate	351		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
86-74-8	Carbazole	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
218-01-9	Chrysene	1150		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
53-70-3	Dibenzo(a,h)anthracene	150	IS-06	ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
206-44-0	Fluoranthene	857		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
86-73-7	Fluorene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
193-39-5	Indeno(1,2,3-cd)pyrene	206	IS-06	ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
78-59-1	Isophorone	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH



Sample Information

Client Sample ID: B-2 0-2ft

York Sample ID: 17B0286-04

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 9:45 am

Date Received

02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
85-01-8	Phenanthrene	49.5	J	ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
129-00-0	Pyrene	848		ug/kg dry	43.7	87.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
110-86-1	Pyridine	ND		ug/kg dry	175	349	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 12:56	KH
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	49.9 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	53.6 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	64.8 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:07	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:07	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:07	SA
309-00-2	Aldrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:07	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:07	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/16/2017 15:07	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:07	SA
57-74-9	Chlordane, total	ND		ug/kg dry	34.5	34.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:07	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:07	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:07	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:07	SA



Sample Information

Client Sample ID: B-2 0-2ft

York Sample ID: 17B0286-04

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
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Collection Date/Time
February 7, 2017 9:45 am

Date Received
02/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:07	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:07	SA
72-20-8	Endrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:07	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:07	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:07	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:07	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/16/2017 15:07	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:07	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:07	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.63	8.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:07	SA
8001-35-2	Toxaphene	ND		ug/kg dry	87.3	87.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:07	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	72.8 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	45.9 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 10:29	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 10:29	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 10:29	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 10:29	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 10:29	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 10:29	SA
11096-82-5	Aroclor 1260	0.0244		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 10:29	SA



Sample Information

Client Sample ID: B-2 0-2ft

York Sample ID: 17B0286-04

York Project (SDG) No.
17B0286

Client Project ID
1700655

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February 7, 2017 9:45 am

Date Received
02/08/2017

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
1336-36-3	* Total PCBs	0.0244		mg/kg dry	0.0174	0.0174	1	EPA 8082A	02/14/2017 08:16	02/15/2017 10:29	SA
								Certifications:			
	Surrogate Recoveries	Result				Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	54.0 %				30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	57.0 %				30-140					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5830		mg/kg dry	5.23	5.23	1	EPA 6010C	02/10/2017 15:12	02/10/2017 22:03	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.523	0.523	1	EPA 6010C	02/10/2017 15:12	02/10/2017 22:03	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	1.70		mg/kg dry	1.05	1.05	1	EPA 6010C	02/10/2017 15:12	02/10/2017 22:03	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	14.5		mg/kg dry	1.05	1.05	1	EPA 6010C	02/10/2017 15:12	02/10/2017 22:03	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	0.129		mg/kg dry	0.105	0.105	1	EPA 6010C	02/10/2017 15:12	02/10/2017 22:03	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.314	0.314	1	EPA 6010C	02/10/2017 15:12	02/10/2017 22:03	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	1190		mg/kg dry	0.523	5.23	1	EPA 6010C	02/10/2017 15:12	02/10/2017 22:03	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	10.3		mg/kg dry	0.523	0.523	1	EPA 6010C	02/10/2017 15:12	02/10/2017 22:03	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	5.23		mg/kg dry	0.523	0.523	1	EPA 6010C	02/10/2017 15:12	02/10/2017 22:03	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	44.5		mg/kg dry	0.523	0.523	1	EPA 6010C	02/10/2017 15:12	02/10/2017 22:03	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	11000		mg/kg dry	2.09	2.09	1	EPA 6010C	02/10/2017 15:12	02/10/2017 22:03	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	40.2		mg/kg dry	0.314	0.314	1	EPA 6010C	02/10/2017 15:12	02/10/2017 22:03	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	2280		mg/kg dry	5.23	5.23	1	EPA 6010C	02/10/2017 15:12	02/10/2017 22:03	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	210		mg/kg dry	0.523	0.523	1	EPA 6010C	02/10/2017 15:12	02/10/2017 22:03	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	19.8		mg/kg dry	0.523	0.523	1	EPA 6010C	02/10/2017 15:12	02/10/2017 22:03	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	Potassium	645		mg/kg dry	5.23	5.23	1	EPA 6010C	02/10/2017 15:12	02/10/2017 22:03	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: B-2 0-2ft

York Sample ID: 17B0286-04

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 9:45 am

Date Received
02/08/2017

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
7782-49-2	Selenium	ND		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:03	KV
7440-22-4	Silver	ND		mg/kg dry	0.523	0.523	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:03	KV
7440-23-5	Sodium	1590		mg/kg dry	10.5	10.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:12	02/10/2017 22:03	KV
7440-28-0	Thallium	ND		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:03	KV
7440-62-2	Vanadium	15.5		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:03	KV
7440-66-6	Zinc	235		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:03	KV

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	0.0314	0.0314	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/13/2017 06:41	02/13/2017 16:30	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.7		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/14/2017 10:19	02/14/2017 13:55	TJM

Sample Information

Client Sample ID: B-2 6-8ft

York Sample ID: 17B0286-05

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:00 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK



Sample Information

Client Sample ID: B-2 6-8ft

York Sample ID: 17B0286-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0286

1700655

Soil

February 7, 2017 10:00 am

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
67-64-1	Acetone	23		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK



Sample Information

Client Sample ID: B-2 6-8ft

York Sample ID: 17B0286-05

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:00 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK



Sample Information

Client Sample ID: B-2 6-8ft

York Sample ID: 17B0286-05

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 10:00 am

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/14/2017 08:15	02/14/2017 18:21	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/14/2017 08:15	02/14/2017 18:21	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
108-88-3	Toluene	3.1	J	ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:21	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.8	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:21	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	77-125								
2037-26-5	Surrogate: Toluene-d8	89.9 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	106 %	76-130								



Sample Information

Client Sample ID: B-2 6-8ft

York Sample ID: 17B0286-05

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:00 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.7	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.7	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
62-53-3	Aniline	ND		ug/kg dry	182	363	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
120-12-7	Anthracene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH



Sample Information

Client Sample ID: B-2 6-8ft

York Sample ID: 17B0286-05

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:00 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
86-74-8	Carbazole	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
218-01-9	Chrysene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
206-44-0	Fluoranthene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
86-73-7	Fluorene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
78-59-1	Isophorone	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH



Sample Information

Client Sample ID: B-2 6-8ft

York Sample ID: 17B0286-05

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:00 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
85-01-8	Phenanthrene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
129-00-0	Pyrene	ND		ug/kg dry	45.5	90.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
110-86-1	Pyridine	ND		ug/kg dry	182	363	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:13	KH
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	35.7 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	41.2 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	40.8 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:37	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:37	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:37	SA
309-00-2	Aldrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:37	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:37	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/14/2017 22:37	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:37	SA
57-74-9	Chlordane, total	ND		ug/kg dry	35.9	35.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:37	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:37	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:37	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:37	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:37	SA



Sample Information

Client Sample ID: B-2 6-8ft

York Sample ID: 17B0286-05

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:00 am

Date Received
02/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:37	SA
72-20-8	Endrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:37	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:37	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:37	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:37	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/14/2017 22:37	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:37	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:37	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.97	8.97	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:37	SA
8001-35-2	Toxaphene	ND		ug/kg dry	90.8	90.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:37	SA
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	49.3 %		30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	44.7 %		30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 16:19	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 16:19	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 16:19	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 16:19	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 16:19	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 16:19	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 16:19	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications:	02/14/2017 08:16	02/15/2017 16:19	SA
Surrogate Recoveries		Result		Acceptance Range							



Sample Information

Client Sample ID: B-2 6-8ft

York Sample ID: 17B0286-05

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:00 am

Date Received
02/08/2017

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
877-09-8	Surrogate: Tetrachloro-m-xylene	48.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	45.0 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5590		mg/kg dry	5.44	5.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV
7440-36-0	Antimony	ND		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV
7440-39-3	Barium	22.4		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV
7440-41-7	Beryllium	0.144		mg/kg dry	0.109	0.109	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.326	0.326	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV
7440-70-2	Calcium	553		mg/kg dry	0.544	5.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV
7440-47-3	Chromium	6.95		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV
7440-48-4	Cobalt	4.88		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV
7440-50-8	Copper	8.60		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV
7439-89-6	Iron	11200		mg/kg dry	2.18	2.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV
7439-92-1	Lead	3.99		mg/kg dry	0.326	0.326	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV
7439-95-4	Magnesium	2170		mg/kg dry	5.44	5.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV
7439-96-5	Manganese	274		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV
7440-02-0	Nickel	10.8		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV
7440-09-7	Potassium	728		mg/kg dry	5.44	5.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV
7782-49-2	Selenium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV
7440-22-4	Silver	ND		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV



Sample Information

Client Sample ID: B-2 6-8ft

York Sample ID: 17B0286-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0286

1700655

Soil

February 7, 2017 10:00 am

02/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	345		mg/kg dry	10.9	10.9	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:12	02/10/2017 22:08	KV
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV
7440-62-2	Vanadium	10.2		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV
7440-66-6	Zinc	26.3		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:08	KV

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	0.0326	0.0326	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/14/2017 06:11	02/14/2017 07:38	KV

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.9		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/14/2017 10:19	02/14/2017 13:55	TJM

Sample Information

Client Sample ID: B-2 14-16ft

York Sample ID: 17B0286-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0286

1700655

Soil

February 7, 2017 10:45 am

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK



Sample Information

Client Sample ID: B-2 14-16ft

York Sample ID: 17B0286-06

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 10:45 am

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
67-64-1	Acetone	44		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
107-02-8	Acrolein	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK



Sample Information

Client Sample ID: B-2 14-16ft

York Sample ID: 17B0286-06

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:45 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 18:53	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 18:53	BK

Sample Information

Client Sample ID: B-2 14-16ft

York Sample ID: 17B0286-06

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:45 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	02/14/2017 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 18:53	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/14/2017 08:15 CTDOH,NELAC-NY10854,NJDEP	02/14/2017 18:53	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/14/2017 08:15 CTDOH,NELAC-NY10854,NJDEP	02/14/2017 18:53	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/14/2017 08:15 CTDOH,NELAC-NY10854	02/14/2017 18:53	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	02/14/2017 08:15 CTDOH,NELAC-NY10854	02/14/2017 18:53	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/14/2017 08:15 CTDOH,NELAC-NY10854,NJDEP	02/14/2017 18:53	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/14/2017 08:15 CTDOH,NELAC-NY10854,NJDEP	02/14/2017 18:53	BK
100-42-5	Styrene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/14/2017 08:15 CTDOH,NELAC-NY10854,NJDEP	02/14/2017 18:53	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/14/2017 08:15 NELAC-NY10854,NJDEP	02/14/2017 18:53	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/14/2017 08:15 CTDOH,NELAC-NY10854,NJDEP	02/14/2017 18:53	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/14/2017 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 18:53	BK
108-88-3	Toluene	2.7	J	ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/14/2017 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 18:53	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/14/2017 08:15 CTDOH,NELAC-NY10854,NJDEP	02/14/2017 18:53	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/14/2017 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 18:53	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/14/2017 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 18:53	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/14/2017 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 18:53	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C Certifications:	02/14/2017 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 18:53	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C Certifications:	02/14/2017 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 18:53	BK
	Surrogate Recoveries	Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			77-125						
2037-26-5	Surrogate: Toluene-d8	90.5 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	105 %			76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE www.YORKLAB.com		STRATFORD, CT 06615 (203) 325-1371			■		132-02 89th AVENUE FAX (203) 357-0166		RICHMOND HILL, NY 11418 ClientServices@		



Sample Information

Client Sample ID: B-2 14-16ft

York Sample ID: 17B0286-06

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:45 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
62-53-3	Aniline	ND		ug/kg dry	183	367	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
120-12-7	Anthracene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH



Sample Information

Client Sample ID: B-2 14-16ft

York Sample ID: 17B0286-06

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:45 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
86-74-8	Carbazole	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
218-01-9	Chrysene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
206-44-0	Fluoranthene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
86-73-7	Fluorene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
78-59-1	Isophorone	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH



Sample Information

Client Sample ID: B-2 14-16ft

York Sample ID: 17B0286-06

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:45 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
85-01-8	Phenanthrene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
129-00-0	Pyrene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
110-86-1	Pyridine	ND		ug/kg dry	183	367	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 01:46	KH
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	46.6 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	52.2 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	48.0 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:52	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:52	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:52	SA
309-00-2	Aldrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:52	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:52	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/14/2017 22:52	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:52	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.2	36.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:52	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:52	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:52	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:52	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:52	SA



Sample Information

Client Sample ID: B-2 14-16ft

York Sample ID: 17B0286-06

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:45 am

Date Received
02/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:52	SA
72-20-8	Endrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:52	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:52	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:52	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:52	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/14/2017 22:52	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:52	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.81	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:52	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.06	9.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:52	SA
8001-35-2	Toxaphene	ND		ug/kg dry	91.6	91.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 22:52	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	49.5 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	39.3 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 16:43	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 16:43	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 16:43	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 16:43	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 16:43	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 16:43	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 16:43	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	0.0183	1	EPA 8082A Certifications:	02/14/2017 08:16	02/15/2017 16:43	SA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: B-2 14-16ft

York Sample ID: 17B0286-06

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:45 am

Date Received
02/08/2017

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
877-09-8	Surrogate: Tetrachloro-m-xylene	42.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	46.5 %			30-140						

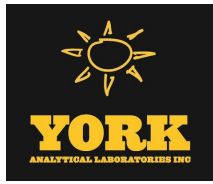
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5480		mg/kg dry	5.49	5.49	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV
7440-36-0	Antimony	ND		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV
7440-39-3	Barium	31.8		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV
7440-41-7	Beryllium	0.159		mg/kg dry	0.110	0.110	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.329	0.329	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV
7440-70-2	Calcium	800		mg/kg dry	0.549	5.49	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV
7440-47-3	Chromium	7.66		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV
7440-48-4	Cobalt	5.60		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV
7440-50-8	Copper	11.9		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV
7439-89-6	Iron	12300		mg/kg dry	2.20	2.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV
7439-92-1	Lead	4.57		mg/kg dry	0.329	0.329	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV
7439-95-4	Magnesium	2340		mg/kg dry	5.49	5.49	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV
7439-96-5	Manganese	310		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV
7440-02-0	Nickel	12.3		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV
7440-09-7	Potassium	796		mg/kg dry	5.49	5.49	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV
7782-49-2	Selenium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV
7440-22-4	Silver	ND		mg/kg dry	0.549	0.549	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV



Sample Information

Client Sample ID: B-2 14-16ft

York Sample ID: 17B0286-06

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 10:45 am

Date Received

02/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	273		mg/kg dry	11.0	11.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:12	02/10/2017 22:13	KV
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV
7440-62-2	Vanadium	10.3		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV
7440-66-6	Zinc	28.7		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:13	KV

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	0.0329	0.0329	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/14/2017 06:11	02/14/2017 08:35	KV

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.1		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/14/2017 10:19	02/14/2017 13:55	TJM

Sample Information

Client Sample ID: B-3 0-2ft

York Sample ID: 17B0286-07

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 10:30 am

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK



Sample Information

Client Sample ID: B-3 0-2ft

York Sample ID: 17B0286-07

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 10:30 am

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	79	160	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
78-93-3	2-Butanone	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
591-78-6	2-Hexanone	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
67-64-1	Acetone	29	B	ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
107-02-8	Acrolein	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK



Sample Information

Client Sample ID: B-3 0-2ft

York Sample ID: 17B0286-07

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 10:30 am

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK
75-25-2	Bromoform	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK
74-83-9	Bromomethane	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK
75-00-3	Chloroethane	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK
67-66-3	Chloroform	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK
74-87-3	Chloromethane	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK
110-82-7	Cyclohexane	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK
74-95-3	Dibromomethane	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 15:07	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
79-20-9	Methyl acetate	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 15:07	BK



Sample Information

Client Sample ID: B-3 0-2ft

York Sample ID: 17B0286-07

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:30 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.2	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.2	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
83-32-9	Acenaphthene	75.3	J	ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
208-96-8	Acenaphthylene	221		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
62-53-3	Aniline	ND		ug/kg dry	191	381	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
120-12-7	Anthracene	237		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
56-55-3	Benzo(a)anthracene	1700		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
50-32-8	Benzo(a)pyrene	824		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
205-99-2	Benzo(b)fluoranthene	993		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
191-24-2	Benzo(g,h,i)perylene	399	IS-06	ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH



Sample Information

Client Sample ID: B-3 0-2ft

York Sample ID: 17B0286-07

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 10:30 am

Date Received

02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	1040		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
117-81-7	Bis(2-ethylhexyl)phthalate	78.3	J	ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
86-74-8	Carbazole	107		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
218-01-9	Chrysene	1890		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
53-70-3	Dibenzo(a,h)anthracene	250	IS-06	ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
206-44-0	Fluoranthene	3030		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
86-73-7	Fluorene	68.5	J	ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
193-39-5	Indeno(1,2,3-cd)pyrene	395	IS-06	ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
78-59-1	Isophorone	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH



Sample Information

Client Sample ID: B-3 0-2ft

York Sample ID: 17B0286-07

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:30 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
85-01-8	Phenanthrene	1110		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
129-00-0	Pyrene	2920		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
110-86-1	Pyridine	ND		ug/kg dry	191	381	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 13:29	KH
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	45.2 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	57.8 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	55.9 %		24-116							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:07	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:07	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:07	SA
309-00-2	Aldrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:07	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:07	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/14/2017 23:07	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:07	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.6	37.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:07	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:07	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:07	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:07	SA



Sample Information

Client Sample ID: B-3 0-2ft

York Sample ID: 17B0286-07

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:30 am

Date Received
02/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:07	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:07	SA
72-20-8	Endrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:07	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:07	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:07	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:07	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/14/2017 23:07	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:07	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:07	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.41	9.41	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:07	SA
8001-35-2	Toxaphene	ND		ug/kg dry	95.3	95.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:07	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	49.3 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	44.9 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:07	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:07	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:07	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:07	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:07	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:07	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:07	SA



Sample Information

Client Sample ID: B-3 0-2ft

York Sample ID: 17B0286-07

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:30 am

Date Received
02/08/2017

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	02/14/2017 08:16	02/15/2017 17:07	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	54.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	53.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5470		mg/kg dry	5.70	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV
7440-36-0	Antimony	8.07		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV
7440-38-2	Arsenic	9.70		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV
7440-39-3	Barium	286		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV
7440-41-7	Beryllium	0.142		mg/kg dry	0.114	0.114	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV
7440-43-9	Cadmium	1.78		mg/kg dry	0.342	0.342	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV
7440-70-2	Calcium	18800		mg/kg dry	0.570	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV
7440-47-3	Chromium	17.9		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV
7440-48-4	Cobalt	6.23		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV
7440-50-8	Copper	130		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV
7439-89-6	Iron	17500		mg/kg dry	2.28	2.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV
7439-92-1	Lead	1250		mg/kg dry	0.342	0.342	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV
7439-95-4	Magnesium	4950		mg/kg dry	5.70	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV
7439-96-5	Manganese	306		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV
7440-02-0	Nickel	22.4		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV
7440-09-7	Potassium	819		mg/kg dry	5.70	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV



Sample Information

Client Sample ID: B-3 0-2ft

York Sample ID: 17B0286-07

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:30 am

Date Received
02/08/2017

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
7782-49-2	Selenium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV
7440-22-4	Silver	ND		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV
7440-23-5	Sodium	508		mg/kg dry	11.4	11.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:12	02/10/2017 22:18	KV
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV
7440-62-2	Vanadium	14.4		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV
7440-66-6	Zinc	716		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:18	KV

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	0.273		mg/kg dry	0.0342	0.0342	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/14/2017 06:11	02/14/2017 08:44	KV

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	87.6		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/14/2017 10:19	02/14/2017 13:55	TJM

Sample Information

Client Sample ID: B-3 6-8ft

York Sample ID: 17B0286-08

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:45 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK



Sample Information

Client Sample ID: B-3 6-8ft

York Sample ID: 17B0286-08

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 10:45 am

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
67-64-1	Acetone	89		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK



Sample Information

Client Sample ID: B-3 6-8ft

York Sample ID: 17B0286-08

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:45 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
79-20-9	Methyl acetate	4.0	J	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK



Sample Information

Client Sample ID: B-3 6-8ft

York Sample ID: 17B0286-08

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:45 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/14/2017 08:15	02/14/2017 19:58	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/14/2017 08:15	02/14/2017 19:58	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
108-88-3	Toluene	4.5	J	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 19:58	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.1	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 19:58	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.2 %	77-125								
2037-26-5	Surrogate: Toluene-d8	89.8 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	108 %	76-130								



Sample Information

Client Sample ID: B-3 6-8ft

York Sample ID: 17B0286-08

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:45 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.0	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.0	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
83-32-9	Acenaphthene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
62-53-3	Aniline	ND		ug/kg dry	174	348	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
120-12-7	Anthracene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR



Sample Information

Client Sample ID: B-3 6-8ft

York Sample ID: 17B0286-08

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 10:45 am

Date Received

02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
86-74-8	Carbazole	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
218-01-9	Chrysene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
206-44-0	Fluoranthene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
86-73-7	Fluorene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
78-59-1	Isophorone	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
91-20-3	Naphthalene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 19:29	SR



Sample Information

Client Sample ID: B-3 6-8ft

York Sample ID: 17B0286-08

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:45 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
85-01-8	Phenanthrene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
129-00-0	Pyrene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
110-86-1	Pyridine	ND		ug/kg dry	174	348	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 19:29	SR
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	57.1 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	54.3 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	47.6 %		24-116							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:22	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:22	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:22	SA
309-00-2	Aldrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:22	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:22	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/14/2017 23:22	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:22	SA
57-74-9	Chlordane, total	ND		ug/kg dry	34.4	34.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:22	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:22	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:22	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:22	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:22	SA



Sample Information

Client Sample ID: B-3 6-8ft

York Sample ID: 17B0286-08

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:45 am

Date Received
02/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:22	SA
72-20-8	Endrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:22	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:22	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:22	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:22	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/14/2017 23:22	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:22	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:22	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.60	8.60	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:22	SA
8001-35-2	Toxaphene	ND		ug/kg dry	87.1	87.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:22	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	53.8 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	49.8 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:32	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:32	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:32	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:32	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:32	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:32	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:32	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications:	02/14/2017 08:16	02/15/2017 17:32	SA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: B-3 6-8ft

York Sample ID: 17B0286-08

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 10:45 am

Date Received
02/08/2017

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
877-09-8	Surrogate: Tetrachloro-m-xylene	48.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	52.5 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4960		mg/kg dry	5.22	5.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV
7440-36-0	Antimony	ND		mg/kg dry	0.522	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.04	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV
7440-39-3	Barium	24.0		mg/kg dry	1.04	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV
7440-41-7	Beryllium	0.141		mg/kg dry	0.104	0.104	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.313	0.313	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV
7440-70-2	Calcium	559		mg/kg dry	0.522	5.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV
7440-47-3	Chromium	5.92		mg/kg dry	0.522	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV
7440-48-4	Cobalt	4.27		mg/kg dry	0.522	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV
7440-50-8	Copper	6.97		mg/kg dry	0.522	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV
7439-89-6	Iron	9260		mg/kg dry	2.09	2.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV
7439-92-1	Lead	3.97		mg/kg dry	0.313	0.313	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV
7439-95-4	Magnesium	1870		mg/kg dry	5.22	5.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV
7439-96-5	Manganese	256		mg/kg dry	0.522	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV
7440-02-0	Nickel	9.26		mg/kg dry	0.522	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV
7440-09-7	Potassium	540		mg/kg dry	5.22	5.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV
7782-49-2	Selenium	ND		mg/kg dry	1.04	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV
7440-22-4	Silver	ND		mg/kg dry	0.522	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV



Sample Information

Client Sample ID: B-3 6-8ft

York Sample ID: 17B0286-08

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 10:45 am

Date Received

02/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	171		mg/kg dry	10.4	10.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:12	02/10/2017 22:25	KV
7440-28-0	Thallium	ND		mg/kg dry	1.04	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV
7440-62-2	Vanadium	9.09		mg/kg dry	1.04	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV
7440-66-6	Zinc	21.5		mg/kg dry	1.04	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:25	KV

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	0.0313	0.0313	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/14/2017 06:11	02/14/2017 08:53	KV

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.9		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/14/2017 10:19	02/14/2017 13:55	TJM

Sample Information

Client Sample ID: B-3 14-16ft

York Sample ID: 17B0286-09

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 11:00 am

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK



Sample Information

Client Sample ID: B-3 14-16ft

York Sample ID: 17B0286-09

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 11:00 am

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
67-64-1	Acetone	48		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK



Sample Information

Client Sample ID: B-3 14-16ft

York Sample ID: 17B0286-09

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
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Collection Date/Time
February 7, 2017 11:00 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 20:30	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 20:30	BK

Sample Information

Client Sample ID: B-3 14-16ft

York Sample ID: 17B0286-09

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
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February 7, 2017 11:00 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

[illegible]

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE www.YORKLAB.com		STRATFORD, CT 06615 (203) 325-1371			■		132-02 89th AVENUE FAX (203) 357-0166		RICHMOND HILL, NY 11418 ClientServices@		



Sample Information

Client Sample ID: B-3 14-16ft

York Sample ID: 17B0286-09

York Project (SDG) No.
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02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.6	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
83-32-9	Acenaphthene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
62-53-3	Aniline	ND		ug/kg dry	175	351	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
120-12-7	Anthracene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR



Sample Information

Client Sample ID: B-3 14-16ft

York Sample ID: 17B0286-09

York Project (SDG) No.

17B0286

Client Project ID

1700655

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February 7, 2017 11:00 am

Date Received

02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
86-74-8	Carbazole	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
218-01-9	Chrysene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
206-44-0	Fluoranthene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
86-73-7	Fluorene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
78-59-1	Isophorone	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
91-20-3	Naphthalene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:01	SR



Sample Information

Client Sample ID: B-3 14-16ft

York Sample ID: 17B0286-09

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:00 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
85-01-8	Phenanthrene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
129-00-0	Pyrene	ND		ug/kg dry	43.9	87.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
110-86-1	Pyridine	ND		ug/kg dry	175	351	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:01	SR
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	46.4 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	46.7 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	40.1 %		24-116							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:37	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:37	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:37	SA
309-00-2	Aldrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:37	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:37	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/14/2017 23:37	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:37	SA
57-74-9	Chlordane, total	ND		ug/kg dry	34.7	34.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:37	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:37	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:37	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:37	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:37	SA



Sample Information

Client Sample ID: B-3 14-16ft

York Sample ID: 17B0286-09

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:00 am

Date Received
02/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:37	SA
72-20-8	Endrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:37	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:37	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:37	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:37	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/14/2017 23:37	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:37	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:37	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.66	8.66	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:37	SA
8001-35-2	Toxaphene	ND		ug/kg dry	87.7	87.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:37	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	45.1 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	36.3 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:56	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:56	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:56	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:56	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:56	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:56	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 17:56	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications:	02/14/2017 08:16	02/15/2017 17:56	SA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: B-3 14-16ft

York Sample ID: 17B0286-09

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:00 am

Date Received
02/08/2017

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
877-09-8	Surrogate: Tetrachloro-m-xylene	32.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	34.0 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5290		mg/kg dry	5.25	5.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV
7440-36-0	Antimony	ND		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV
7440-39-3	Barium	25.0		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV
7440-41-7	Beryllium	0.138		mg/kg dry	0.105	0.105	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.315	0.315	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV
7440-70-2	Calcium	829		mg/kg dry	0.525	5.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV
7440-47-3	Chromium	7.06		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV
7440-48-4	Cobalt	4.92		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV
7440-50-8	Copper	8.53		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV
7439-89-6	Iron	11300		mg/kg dry	2.10	2.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV
7439-92-1	Lead	4.07		mg/kg dry	0.315	0.315	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV
7439-95-4	Magnesium	2200		mg/kg dry	5.25	5.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV
7439-96-5	Manganese	284		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV
7440-02-0	Nickel	10.7		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV
7440-09-7	Potassium	730		mg/kg dry	5.25	5.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV
7782-49-2	Selenium	ND		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV
7440-22-4	Silver	ND		mg/kg dry	0.525	0.525	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV



Sample Information

Client Sample ID: B-3 14-16ft

York Sample ID: 17B0286-09

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:00 am

Date Received
02/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	158		mg/kg dry	10.5	10.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:12	02/10/2017 22:30	KV
7440-28-0	Thallium	ND		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV
7440-62-2	Vanadium	10.1		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV
7440-66-6	Zinc	26.1		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:30	KV

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	0.0315	0.0315	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/14/2017 06:11	02/14/2017 09:02	KV

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.2		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/14/2017 10:19	02/14/2017 13:55	TJM

Sample Information

Client Sample ID: B-4 0-2ft

York Sample ID: 17B0286-10

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:15 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK



Sample Information

Client Sample ID: B-4 0-2ft

York Sample ID: 17B0286-10

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 11:15 am

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
78-93-3	2-Butanone	3.9	J	ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
67-64-1	Acetone	26		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK



Sample Information

Client Sample ID: B-4 0-2ft

York Sample ID: 17B0286-10

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:15 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:15	02/14/2017 21:02	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
79-20-9	Methyl acetate	3.6	J	ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:15	02/14/2017 21:02	BK



Sample Information

Client Sample ID: B-4 0-2ft

York Sample ID: 17B0286-10

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:15 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
91-57-6	2-Methylnaphthalene	95.7		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.4	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.4	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
83-32-9	Acenaphthene	598		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
208-96-8	Acenaphthylene	112		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
62-53-3	Aniline	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
120-12-7	Anthracene	2210		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
56-55-3	Benzo(a)anthracene	6910		ug/kg dry	438	874	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 23:35	KH
50-32-8	Benzo(a)pyrene	1310		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
205-99-2	Benzo(b)fluoranthene	1840		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
191-24-2	Benzo(g,h,i)perylene	1080		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH



Sample Information

Client Sample ID: B-4 0-2ft

York Sample ID: 17B0286-10

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

17B0286

1700655

Soil

February 7, 2017 11:15 am

02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	1970		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
86-74-8	Carbazole	538		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
218-01-9	Chrysene	6420		ug/kg dry	43.8	87.4	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 23:35	KH
53-70-3	Dibenzo(a,h)anthracene	635		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
132-64-9	Dibenzofuran	396		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
206-44-0	Fluoranthene	12900		ug/kg dry	43.8	87.4	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 23:35	KH
86-73-7	Fluorene	830		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
193-39-5	Indeno(1,2,3-cd)pyrene	1110		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
78-59-1	Isophorone	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH



Sample Information

Client Sample ID: B-4 0-2ft

York Sample ID: 17B0286-10

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:15 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.8	87.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
85-01-8	Phenanthrene	10300		ug/kg dry	438	874	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 23:35	KH
129-00-0	Pyrene	13700		ug/kg dry	438	874	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 23:35	KH
110-86-1	Pyridine	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 03:19	KH
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	56.5 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	59.8 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	69.5 %			24-116						

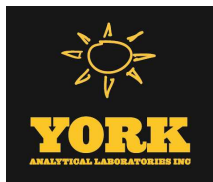
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:52	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:52	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:52	SA
309-00-2	Aldrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:52	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:52	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/14/2017 23:52	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:52	SA
57-74-9	Chlordane, total	ND		ug/kg dry	34.6	34.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:52	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:52	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:52	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:52	SA



Sample Information

Client Sample ID: B-4 0-2ft

York Sample ID: 17B0286-10

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 11:15 am

Date Received

02/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:52	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:52	SA
72-20-8	Endrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:52	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:52	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:52	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:52	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/14/2017 23:52	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:52	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:52	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.64	8.64	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:52	SA
8001-35-2	Toxaphene	ND		ug/kg dry	87.5	87.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/14/2017 23:52	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	48.4 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	45.3 %	30-150								

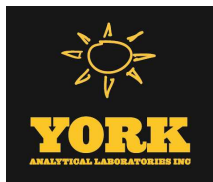
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 18:20	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 18:20	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 18:20	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 18:20	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 18:20	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 18:20	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 18:20	SA



Sample Information

Client Sample ID: B-4 0-2ft

York Sample ID: 17B0286-10

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 11:15 am

Date Received

02/08/2017

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications:	02/14/2017 08:16	02/15/2017 18:20	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	39.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	39.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4980		mg/kg dry	5.24	5.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV
7440-36-0	Antimony	ND		mg/kg dry	0.524	0.524	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV
7440-39-3	Barium	17.3		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV
7440-41-7	Beryllium	0.138		mg/kg dry	0.105	0.105	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.314	0.314	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV
7440-70-2	Calcium	545		mg/kg dry	0.524	5.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV
7440-47-3	Chromium	6.07		mg/kg dry	0.524	0.524	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV
7440-48-4	Cobalt	4.33		mg/kg dry	0.524	0.524	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV
7440-50-8	Copper	9.22		mg/kg dry	0.524	0.524	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV
7439-89-6	Iron	9310		mg/kg dry	2.09	2.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV
7439-92-1	Lead	3.80		mg/kg dry	0.314	0.314	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV
7439-95-4	Magnesium	2010		mg/kg dry	5.24	5.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV
7439-96-5	Manganese	243		mg/kg dry	0.524	0.524	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV
7440-02-0	Nickel	9.90		mg/kg dry	0.524	0.524	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV
7440-09-7	Potassium	577		mg/kg dry	5.24	5.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV



Sample Information

Client Sample ID: B-4 0-2ft

York Sample ID: 17B0286-10

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:15 am

Date Received
02/08/2017

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
7782-49-2	Selenium	ND		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV
7440-22-4	Silver	ND		mg/kg dry	0.524	0.524	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV
7440-23-5	Sodium	139		mg/kg dry	10.5	10.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:12	02/10/2017 22:48	KV
7440-28-0	Thallium	ND		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV
7440-62-2	Vanadium	8.39		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV
7440-66-6	Zinc	22.7		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:48	KV

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	0.175		mg/kg dry	0.0314	0.0314	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/14/2017 06:11	02/14/2017 09:11	KV

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.5		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/14/2017 10:19	02/14/2017 13:55	TJM

Sample Information

Client Sample ID: B-4 6-8ft

York Sample ID: 17B0286-11

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:30 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK



Sample Information

Client Sample ID: B-4 6-8ft

York Sample ID: 17B0286-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0286

1700655

Soil

February 7, 2017 11:30 am

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	63	130	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
78-93-3	2-Butanone	6.5		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
591-78-6	2-Hexanone	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
67-64-1	Acetone	37	B	ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK



Sample Information

Client Sample ID: B-4 6-8ft

York Sample ID: 17B0286-11

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:30 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
71-43-2	Benzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
75-25-2	Bromoform	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
74-83-9	Bromomethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
67-66-3	Chloroform	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
110-82-7	Cyclohexane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
79-20-9	Methyl acetate	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK



Sample Information

Client Sample ID: B-4 6-8ft

York Sample ID: 17B0286-11

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 11:30 am

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
75-09-2	Methylene chloride	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/14/2017 17:43	02/15/2017 00:47	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/14/2017 17:43	02/15/2017 00:47	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
100-42-5	Styrene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
108-88-3	Toluene	4.2	J	ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 00:47	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.1	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.4	19	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 00:47	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	77-125								
2037-26-5	Surrogate: Toluene-d8	88.0 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	107 %	76-130								



Sample Information

Client Sample ID: B-4 6-8ft

York Sample ID: 17B0286-11

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:30 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.3	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
83-32-9	Acenaphthene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
62-53-3	Aniline	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
120-12-7	Anthracene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR



Sample Information

Client Sample ID: B-4 6-8ft

York Sample ID: 17B0286-11

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:30 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
86-74-8	Carbazole	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
218-01-9	Chrysene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
206-44-0	Fluoranthene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
86-73-7	Fluorene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
78-59-1	Isophorone	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
91-20-3	Naphthalene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications:	02/15/2017 08:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 20:34	SR



Sample Information

Client Sample ID: B-4 6-8ft

York Sample ID: 17B0286-11

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:30 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
85-01-8	Phenanthrene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
129-00-0	Pyrene	ND		ug/kg dry	43.7	87.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
110-86-1	Pyridine	ND		ug/kg dry	175	350	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/15/2017 20:34	SR
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	50.5 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	52.2 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	43.7 %		24-116							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:07	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:07	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:07	SA
309-00-2	Aldrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:07	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:07	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/15/2017 00:07	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:07	SA
57-74-9	Chlordane, total	ND		ug/kg dry	34.5	34.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:07	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:07	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:07	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:07	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:07	SA



Sample Information

Client Sample ID: B-4 6-8ft

York Sample ID: 17B0286-11

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
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February 7, 2017 11:30 am

Date Received
02/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:07	SA
72-20-8	Endrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:07	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:07	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:07	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:07	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/15/2017 00:07	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:07	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.73	1.73	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:07	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.63	8.63	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:07	SA
8001-35-2	Toxaphene	ND		ug/kg dry	87.4	87.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:07	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	53.5 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	44.3 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 18:44	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 18:44	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 18:44	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 18:44	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 18:44	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 18:44	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 18:44	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications:	02/14/2017 08:16	02/15/2017 18:44	SA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: B-4 6-8ft

York Sample ID: 17B0286-11

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:30 am

Date Received
02/08/2017

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
877-09-8	Surrogate: Tetrachloro-m-xylene	43.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	45.0 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5580		mg/kg dry	5.23	5.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV
7440-36-0	Antimony	ND		mg/kg dry	0.523	0.523	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV
7440-39-3	Barium	23.1		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV
7440-41-7	Beryllium	0.148		mg/kg dry	0.105	0.105	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.314	0.314	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV
7440-70-2	Calcium	694		mg/kg dry	0.523	5.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV
7440-47-3	Chromium	6.79		mg/kg dry	0.523	0.523	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV
7440-48-4	Cobalt	4.60		mg/kg dry	0.523	0.523	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV
7440-50-8	Copper	8.52		mg/kg dry	0.523	0.523	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV
7439-89-6	Iron	10400		mg/kg dry	2.09	2.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV
7439-92-1	Lead	3.89		mg/kg dry	0.314	0.314	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV
7439-95-4	Magnesium	2110		mg/kg dry	5.23	5.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV
7439-96-5	Manganese	274		mg/kg dry	0.523	0.523	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV
7440-02-0	Nickel	10.3		mg/kg dry	0.523	0.523	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV
7440-09-7	Potassium	639		mg/kg dry	5.23	5.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV
7782-49-2	Selenium	ND		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV
7440-22-4	Silver	ND		mg/kg dry	0.523	0.523	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV



Sample Information

Client Sample ID: B-4 6-8ft

York Sample ID: 17B0286-11

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:30 am

Date Received
02/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	160		mg/kg dry	10.5	10.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:12	02/10/2017 22:53	KV
7440-28-0	Thallium	ND		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV
7440-62-2	Vanadium	9.59		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV
7440-66-6	Zinc	24.0		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:53	KV

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	0.0314	0.0314	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/14/2017 06:11	02/14/2017 09:20	KV

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.6		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/14/2017 10:19	02/14/2017 13:55	TJM

Sample Information

Client Sample ID: B-4 14-16ft

York Sample ID: 17B0286-12

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:45 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK



Sample Information

Client Sample ID: B-4 14-16ft

York Sample ID: 17B0286-12

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 11:45 am

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	99	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
67-64-1	Acetone	49	B	ug/kg dry	5.0	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
107-02-8	Acrolein	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK



Sample Information

Client Sample ID: B-4 14-16ft

York Sample ID: 17B0286-12

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:45 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK



Sample Information

Client Sample ID: B-4 14-16ft

York Sample ID: 17B0286-12

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:45 am

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	5.7	J	ug/kg dry	5.0	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:35	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:35	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.2 %	77-125								
2037-26-5	Surrogate: Toluene-d8	90.5 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	107 %	76-130								

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615										
www.YORKLAB.com	(203) 325-1371										
132-02 89th AVENUE											
FAX (203) 357-0166											
RICHMOND HILL, NY 11418											
ClientServices@											



Sample Information

Client Sample ID: B-4 14-16ft

York Sample ID: 17B0286-12

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:45 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	236	471	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	236	471	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
83-32-9	Acenaphthene	463		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
208-96-8	Acenaphthylene	347		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
62-53-3	Aniline	ND		ug/kg dry	472	943	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
120-12-7	Anthracene	2590		ug/kg dry	472	942	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 00:06	KH
56-55-3	Benzo(a)anthracene	6350		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
50-32-8	Benzo(a)pyrene	6380		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
205-99-2	Benzo(b)fluoranthene	6710		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
191-24-2	Benzo(g,h,i)perylene	3360		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR



Sample Information

Client Sample ID: B-4 14-16ft

York Sample ID: 17B0286-12

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 11:45 am

Date Received

02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	6620		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
86-74-8	Carbazole	691		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
218-01-9	Chrysene	6870		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
53-70-3	Dibenzo(a,h)anthracene	1540		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
132-64-9	Dibenzofuran	232	J	ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
206-44-0	Fluoranthene	13000		ug/kg dry	472	942	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 00:06	KH
86-73-7	Fluorene	486		ug/kg dry	118	236	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
193-39-5	Indeno(1,2,3-cd)pyrene	3190		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
78-59-1	Isophorone	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
91-20-3	Naphthalene	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR



Sample Information

Client Sample ID: B-4 14-16ft

York Sample ID: 17B0286-12

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:45 am

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	118	236	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
85-01-8	Phenanthrene	9300		ug/kg dry	472	942	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 00:06	KH
129-00-0	Pyrene	15200		ug/kg dry	472	942	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/17/2017 00:06	KH
110-86-1	Pyridine	ND		ug/kg dry	472	943	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:50	02/16/2017 02:02	SR
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	49.2 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	54.0 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	36.9 %		24-116							

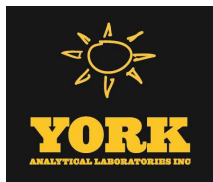
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 14:54	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 14:54	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 14:54	SA
309-00-2	Aldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 14:54	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 14:54	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/16/2017 14:54	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 14:54	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.3	37.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 14:54	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 14:54	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 14:54	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 14:54	SA



Sample Information

Client Sample ID: B-4 14-16ft

York Sample ID: 17B0286-12

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 11:45 am

Date Received

02/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 14:54	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 14:54	SA
72-20-8	Endrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 14:54	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 14:54	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 14:54	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 14:54	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/16/2017 14:54	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 14:54	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 14:54	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.32	9.32	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 14:54	SA
8001-35-2	Toxaphene	ND		ug/kg dry	94.3	94.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 14:54	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	54.1 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	30.9 %	30-150								

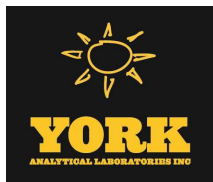
Polychlorinated Biphenyls (PCB)

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	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:08	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:08	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:08	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:08	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:08	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:08	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:08	SA



Sample Information

Client Sample ID: B-4 14-16ft

York Sample ID: 17B0286-12

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 11:45 am

Date Received

02/08/2017

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	0.0188	1	EPA 8082A Certifications:	02/14/2017 08:16	02/15/2017 19:08	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	41.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	43.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7180		mg/kg dry	5.65	5.65	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV
7440-36-0	Antimony	3.97		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV
7440-38-2	Arsenic	4.78		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV
7440-39-3	Barium	278		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV
7440-43-9	Cadmium	0.938		mg/kg dry	0.339	0.339	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV
7440-70-2	Calcium	11100		mg/kg dry	0.565	5.65	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV
7440-47-3	Chromium	19.1		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV
7440-48-4	Cobalt	7.05		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV
7440-50-8	Copper	137		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV
7439-89-6	Iron	17500		mg/kg dry	2.26	2.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV
7439-92-1	Lead	696		mg/kg dry	0.339	0.339	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV
7439-95-4	Magnesium	4460		mg/kg dry	5.65	5.65	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV
7439-96-5	Manganese	258		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV
7440-02-0	Nickel	17.9		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV
7440-09-7	Potassium	1460		mg/kg dry	5.65	5.65	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV



Sample Information

Client Sample ID: B-4 14-16ft

York Sample ID: 17B0286-12

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 11:45 am

Date Received
02/08/2017

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
7782-49-2	Selenium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV
7440-22-4	Silver	ND		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV
7440-23-5	Sodium	352		mg/kg dry	11.3	11.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:12	02/10/2017 22:58	KV
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV
7440-62-2	Vanadium	19.8		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV
7440-66-6	Zinc	546		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 22:58	KV

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	1.24		mg/kg dry	0.0339	0.0339	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/14/2017 06:11	02/14/2017 09:29	KV

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	88.5		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/14/2017 10:19	02/14/2017 13:55	TJM

Sample Information

Client Sample ID: B-5 0-2ft

York Sample ID: 17B0286-13

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:00 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK



Sample Information

Client Sample ID: B-5 0-2ft

York Sample ID: 17B0286-13

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:00 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	94	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
67-64-1	Acetone	83	B	ug/kg dry	4.7	9.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK



Sample Information

Client Sample ID: B-5 0-2ft

York Sample ID: 17B0286-13

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:00 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
71-43-2	Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK



Sample Information

Client Sample ID: B-5 0-2ft

York Sample ID: 17B0286-13

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 12:00 pm

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/14/2017 17:43	02/15/2017 01:51	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/14/2017 17:43	02/15/2017 01:51	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
100-42-5	Styrene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
108-88-3	Toluene	3.0	J	ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 01:51	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.0	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 01:51	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	77-125								
2037-26-5	Surrogate: Toluene-d8	91.0 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	104 %	76-130								



Sample Information

Client Sample ID: B-5 0-2ft

York Sample ID: 17B0286-13

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:00 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.4	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.4	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
83-32-9	Acenaphthene	72.4	J	ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
208-96-8	Acenaphthylene	99.3		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
62-53-3	Aniline	ND		ug/kg dry	187	374	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
120-12-7	Anthracene	254		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
56-55-3	Benzo(a)anthracene	1590		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
50-32-8	Benzo(a)pyrene	832		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
205-99-2	Benzo(b)fluoranthene	515		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
191-24-2	Benzo(g,h,i)perylene	360		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH



Sample Information

Client Sample ID: B-5 0-2ft

York Sample ID: 17B0286-13

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 12:00 pm

Date Received

02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	969		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
117-81-7	Bis(2-ethylhexyl)phthalate	137		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
86-74-8	Carbazole	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
218-01-9	Chrysene	1610		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
53-70-3	Dibenzo(a,h)anthracene	211		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
206-44-0	Fluoranthene	2240		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
86-73-7	Fluorene	50.0	J	ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
193-39-5	Indeno(1,2,3-cd)pyrene	379		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
78-59-1	Isophorone	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
91-20-3	Naphthalene	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH



Sample Information

Client Sample ID: B-5 0-2ft

York Sample ID: 17B0286-13

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:00 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
85-01-8	Phenanthrene	934		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
129-00-0	Pyrene	2480		ug/kg dry	46.8	93.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
110-86-1	Pyridine	ND		ug/kg dry	187	374	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:07	KH
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	48.5 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	50.3 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	37.9 %		24-116							

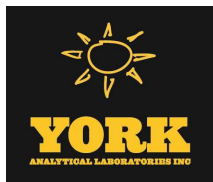
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:19	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:19	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:19	SA
309-00-2	Aldrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:19	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:19	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/16/2017 15:19	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:19	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.0	37.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:19	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:19	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:19	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:19	SA



Sample Information

Client Sample ID: B-5 0-2ft

York Sample ID: 17B0286-13

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 12:00 pm

Date Received

02/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:19	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:19	SA
72-20-8	Endrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:19	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:19	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:19	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:19	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/16/2017 15:19	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:19	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.85	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:19	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.24	9.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:19	SA
8001-35-2	Toxaphene	ND		ug/kg dry	93.5	93.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 15:19	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	48.6 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	30.1 %	30-150								

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 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:33	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:33	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:33	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:33	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:33	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:33	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:33	SA



Sample Information

Client Sample ID: B-5 0-2ft

York Sample ID: 17B0286-13

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:00 pm

Date Received
02/08/2017

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications:	02/14/2017 08:16	02/15/2017 19:33	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	40.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	35.5 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5420		mg/kg dry	5.60	5.60	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV
7440-36-0	Antimony	ND		mg/kg dry	0.560	0.560	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV
7440-38-2	Arsenic	1.71		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV
7440-39-3	Barium	86.5		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.112	0.112	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.336	0.336	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV
7440-70-2	Calcium	14500		mg/kg dry	0.560	5.60	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV
7440-47-3	Chromium	10.8		mg/kg dry	0.560	0.560	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV
7440-48-4	Cobalt	4.60		mg/kg dry	0.560	0.560	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV
7440-50-8	Copper	22.5		mg/kg dry	0.560	0.560	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV
7439-89-6	Iron	8820		mg/kg dry	2.24	2.24	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV
7439-92-1	Lead	140		mg/kg dry	0.336	0.336	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV
7439-95-4	Magnesium	6240		mg/kg dry	5.60	5.60	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV
7439-96-5	Manganese	272		mg/kg dry	0.560	0.560	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV
7440-02-0	Nickel	10.7		mg/kg dry	0.560	0.560	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV
7440-09-7	Potassium	1050		mg/kg dry	5.60	5.60	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV



Sample Information

Client Sample ID: B-5 0-2ft

York Sample ID: 17B0286-13

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:00 pm

Date Received
02/08/2017

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
7782-49-2	Selenium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV
7440-22-4	Silver	ND		mg/kg dry	0.560	0.560	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV
7440-23-5	Sodium	453		mg/kg dry	11.2	11.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:12	02/10/2017 23:06	KV
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV
7440-62-2	Vanadium	19.2		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV
7440-66-6	Zinc	101		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:06	KV

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	0.151		mg/kg dry	0.0336	0.0336	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/14/2017 06:11	02/14/2017 09:41	KV

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	89.3		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/14/2017 10:19	02/14/2017 13:55	TJM

Sample Information

Client Sample ID: B-5 6-8ft

York Sample ID: 17B0286-14

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:15 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK



Sample Information

Client Sample ID: B-5 6-8ft

York Sample ID: 17B0286-14

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:15 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	90	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
67-64-1	Acetone	61	B	ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK



Sample Information

Client Sample ID: B-5 6-8ft

York Sample ID: 17B0286-14

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:15 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK



Sample Information

Client Sample ID: B-5 6-8ft

York Sample ID: 17B0286-14

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:15 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/14/2017 17:43	02/15/2017 02:23	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/14/2017 17:43	02/15/2017 02:23	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:23	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:23	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	77-125								
2037-26-5	Surrogate: Toluene-d8	90.0 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	76-130								



Sample Information

Client Sample ID: B-5 6-8ft

York Sample ID: 17B0286-14

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 12:15 pm

Date Received

02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.6	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.6	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
83-32-9	Acenaphthene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
62-53-3	Aniline	ND		ug/kg dry	189	379	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
120-12-7	Anthracene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
56-55-3	Benzo(a)anthracene	204		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
50-32-8	Benzo(a)pyrene	168		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
205-99-2	Benzo(b)fluoranthene	172		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
191-24-2	Benzo(g,h,i)perylene	127		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
207-08-9	Benzo(k)fluoranthene	151		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH



Sample Information

Client Sample ID: B-5 6-8ft

York Sample ID: 17B0286-14

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:15 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
86-74-8	Carbazole	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
218-01-9	Chrysene	213		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
53-70-3	Dibenzo(a,h)anthracene	53.7	J	ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
206-44-0	Fluoranthene	323		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
86-73-7	Fluorene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
193-39-5	Indeno(1,2,3-cd)pyrene	116		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
78-59-1	Isophorone	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH



Sample Information

Client Sample ID: B-5 6-8ft

York Sample ID: 17B0286-14

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:15 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
85-01-8	Phenanthrene	150		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
129-00-0	Pyrene	329		ug/kg dry	47.4	94.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
110-86-1	Pyridine	ND		ug/kg dry	189	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 20:31	KH
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	48.4 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	51.5 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	38.9 %		24-116							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:22	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:22	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:22	SA
309-00-2	Aldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:22	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:22	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/15/2017 00:22	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:22	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.4	37.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:22	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:22	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:22	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:22	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:22	SA



Sample Information

Client Sample ID: B-5 6-8ft

York Sample ID: 17B0286-14

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:15 pm

Date Received
02/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:22	SA
72-20-8	Endrin	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:22	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:22	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:22	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:22	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/15/2017 00:22	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:22	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:22	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.36	9.36	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:22	SA
8001-35-2	Toxaphene	ND		ug/kg dry	94.7	94.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:22	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	50.5 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	49.6 %	30-150								

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 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:57	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:57	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:57	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:57	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:57	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:57	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 19:57	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications:	02/14/2017 08:16	02/15/2017 19:57	SA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: B-5 6-8ft

York Sample ID: 17B0286-14

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:15 pm

Date Received
02/08/2017

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
877-09-8	Surrogate: Tetrachloro-m-xylene	46.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	43.5 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4910		mg/kg dry	5.67	5.67	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV
7440-36-0	Antimony	ND		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV
7440-39-3	Barium	22.6		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV
7440-41-7	Beryllium	0.115		mg/kg dry	0.113	0.113	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.340	0.340	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV
7440-70-2	Calcium	680		mg/kg dry	0.567	5.67	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV
7440-47-3	Chromium	6.34		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV
7440-48-4	Cobalt	3.91		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV
7440-50-8	Copper	9.53		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV
7439-89-6	Iron	9200		mg/kg dry	2.27	2.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV
7439-92-1	Lead	11.9		mg/kg dry	0.340	0.340	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV
7439-95-4	Magnesium	1970		mg/kg dry	5.67	5.67	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV
7439-96-5	Manganese	198		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV
7440-02-0	Nickel	9.20		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV
7440-09-7	Potassium	695		mg/kg dry	5.67	5.67	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV
7782-49-2	Selenium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV
7440-22-4	Silver	ND		mg/kg dry	0.567	0.567	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV



Sample Information

Client Sample ID: B-5 6-8ft

York Sample ID: 17B0286-14

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:15 pm

Date Received
02/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	197		mg/kg dry	11.3	11.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:12	02/10/2017 23:11	KV
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV
7440-62-2	Vanadium	9.08		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV
7440-66-6	Zinc	45.3		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:11	KV

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	0.0736		mg/kg dry	0.0340	0.0340	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/14/2017 06:11	02/14/2017 09:49	KV

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 Certifications: CTDOH	02/14/2017 10:19	02/14/2017 13:55	TJM

Sample Information

Client Sample ID: B-5 14-16ft

York Sample ID: 17B0286-15

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:30 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK



Sample Information

Client Sample ID: B-5 14-16ft

York Sample ID: 17B0286-15

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 12:30 pm

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
67-64-1	Acetone	32	B	ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
107-02-8	Acrolein	ND		ug/kg dry	5.4	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK



Sample Information

Client Sample ID: B-5 14-16ft

York Sample ID: 17B0286-15

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:30 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 02:55	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
79-20-9	Methyl acetate	3.2	J	ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 02:55	BK

Sample Information

Client Sample ID: B-5 14-16ft

York Sample ID: 17B0286-15

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:30 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

[illegible]

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE www.YORKLAB.com		STRATFORD, CT 06615 (203) 325-1371			■		132-02 89th AVENUE FAX (203) 357-0166		RICHMOND HILL, NY 11418 ClientServices@		



Sample Information

Client Sample ID: B-5 14-16ft

York Sample ID: 17B0286-15

York Project (SDG) No.
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Matrix
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Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
83-32-9	Acenaphthene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
62-53-3	Aniline	ND		ug/kg dry	176	351	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
120-12-7	Anthracene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH



Sample Information

Client Sample ID: B-5 14-16ft

York Sample ID: 17B0286-15

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
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February 7, 2017 12:30 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
86-74-8	Carbazole	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
218-01-9	Chrysene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
206-44-0	Fluoranthene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
86-73-7	Fluorene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
78-59-1	Isophorone	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
91-20-3	Naphthalene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH



Sample Information

Client Sample ID: B-5 14-16ft

York Sample ID: 17B0286-15

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:30 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
85-01-8	Phenanthrene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
129-00-0	Pyrene	ND		ug/kg dry	44.0	87.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
110-86-1	Pyridine	ND		ug/kg dry	176	351	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:03	KH
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	55.1 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	57.4 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	42.2 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:37	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:37	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:37	SA
309-00-2	Aldrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:37	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:37	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/15/2017 00:37	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:37	SA
57-74-9	Chlordane, total	ND		ug/kg dry	34.7	34.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:37	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:37	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:37	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:37	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:37	SA



Sample Information

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17B0286

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February 7, 2017 12:30 pm

Date Received
02/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:37	SA
72-20-8	Endrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:37	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:37	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:37	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:37	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/15/2017 00:37	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:37	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:37	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.68	8.68	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:37	SA
8001-35-2	Toxaphene	ND		ug/kg dry	87.9	87.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:37	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	54.7 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	45.5 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 20:21	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 20:21	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 20:21	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 20:21	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 20:21	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 20:21	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 20:21	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	0.0175	1	EPA 8082A Certifications:	02/14/2017 08:16	02/15/2017 20:21	SA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: B-5 14-16ft

York Sample ID: 17B0286-15

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:30 pm

Date Received
02/08/2017

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
877-09-8	Surrogate: Tetrachloro-m-xylene	42.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	44.5 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4740		mg/kg dry	5.26	5.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV
7440-36-0	Antimony	ND		mg/kg dry	0.526	0.526	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV
7440-39-3	Barium	22.4		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV
7440-41-7	Beryllium	0.139		mg/kg dry	0.105	0.105	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.316	0.316	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV
7440-70-2	Calcium	618		mg/kg dry	0.526	5.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV
7440-47-3	Chromium	6.51		mg/kg dry	0.526	0.526	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV
7440-48-4	Cobalt	4.07		mg/kg dry	0.526	0.526	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV
7440-50-8	Copper	6.63		mg/kg dry	0.526	0.526	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV
7439-89-6	Iron	9370		mg/kg dry	2.10	2.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV
7439-92-1	Lead	3.42		mg/kg dry	0.316	0.316	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV
7439-95-4	Magnesium	1990		mg/kg dry	5.26	5.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV
7439-96-5	Manganese	215		mg/kg dry	0.526	0.526	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV
7440-02-0	Nickel	9.15		mg/kg dry	0.526	0.526	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV
7440-09-7	Potassium	668		mg/kg dry	5.26	5.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV
7782-49-2	Selenium	ND		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV
7440-22-4	Silver	ND		mg/kg dry	0.526	0.526	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV



Sample Information

Client Sample ID: B-5 14-16ft

York Sample ID: 17B0286-15

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:30 pm

Date Received
02/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	129		mg/kg dry	10.5	10.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:12	02/10/2017 23:15	KV
7440-28-0	Thallium	ND		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV
7440-62-2	Vanadium	8.39		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV
7440-66-6	Zinc	21.5		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:15	KV

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	0.0316	0.0316	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/14/2017 06:11	02/14/2017 09:58	KV

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.0		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/14/2017 10:19	02/14/2017 13:55	TJM

Sample Information

Client Sample ID: B-6 0-2ft

York Sample ID: 17B0286-16

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:45 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK



Sample Information

Client Sample ID: B-6 0-2ft

York Sample ID: 17B0286-16

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 12:45 pm

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	52	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
67-64-1	Acetone	17	B	ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
107-02-8	Acrolein	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK



Sample Information

Client Sample ID: B-6 0-2ft

York Sample ID: 17B0286-16

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:45 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 03:28	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 03:28	BK



Sample Information

Client Sample ID: B-6 0-2ft

York Sample ID: 17B0286-16

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:45 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.9	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.9	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
83-32-9	Acenaphthene	73.5	J	ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
208-96-8	Acenaphthylene	126		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
62-53-3	Aniline	ND		ug/kg dry	184	368	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
120-12-7	Anthracene	261		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
56-55-3	Benzo(a)anthracene	1230		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
50-32-8	Benzo(a)pyrene	575		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
205-99-2	Benzo(b)fluoranthene	792		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
191-24-2	Benzo(g,h,i)perylene	309	IS-06	ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH



Sample Information

Client Sample ID: B-6 0-2ft

York Sample ID: 17B0286-16

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:45 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	608		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
117-81-7	Bis(2-ethylhexyl)phthalate	224		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
86-74-8	Carbazole	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
218-01-9	Chrysene	1220		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
53-70-3	Dibenzo(a,h)anthracene	171	IS-06	ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
206-44-0	Fluoranthene	1870		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
86-73-7	Fluorene	70.6	J	ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
193-39-5	Indeno(1,2,3-cd)pyrene	310	IS-06	ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
78-59-1	Isophorone	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
91-20-3	Naphthalene	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH



Sample Information

Client Sample ID: B-6 0-2ft

York Sample ID: 17B0286-16

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:45 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
85-01-8	Phenanthrene	1110		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
129-00-0	Pyrene	2010		ug/kg dry	46.1	91.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
110-86-1	Pyridine	ND		ug/kg dry	184	368	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:16	KH
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	54.7 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	56.1 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	42.8 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 16:11	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 16:11	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 16:11	SA
309-00-2	Aldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 16:11	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 16:11	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/16/2017 16:11	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 16:11	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.4	36.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 16:11	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 16:11	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 16:11	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 16:11	SA



Sample Information

Client Sample ID: B-6 0-2ft

York Sample ID: 17B0286-16

York Project (SDG) No.
17B0286

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1700655

Matrix
Soil

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February 7, 2017 12:45 pm

Date Received
02/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 16:11	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 16:11	SA
72-20-8	Endrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 16:11	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 16:11	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 16:11	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 16:11	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/16/2017 16:11	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 16:11	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	1.82	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 16:11	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.10	9.10	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 16:11	SA
8001-35-2	Toxaphene	ND		ug/kg dry	92.1	92.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/16/2017 16:11	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	61.8 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	32.4 %	30-150								

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 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 20:45	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 20:45	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 20:45	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 20:45	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 20:45	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 20:45	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 20:45	SA



Sample Information

Client Sample ID: B-6 0-2ft

York Sample ID: 17B0286-16

York Project (SDG) No.
17B0286

Client Project ID
1700655

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February 7, 2017 12:45 pm

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	0.0184	1	EPA 8082A Certifications:	02/14/2017 08:16	02/15/2017 20:45	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	43.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	40.5 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5710		mg/kg dry	5.51	5.51	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV
7440-36-0	Antimony	ND		mg/kg dry	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV
7440-38-2	Arsenic	1.76		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV
7440-39-3	Barium	144		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.110	0.110	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV
7440-43-9	Cadmium	0.465		mg/kg dry	0.331	0.331	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV
7440-70-2	Calcium	20900		mg/kg dry	0.551	5.51	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV
7440-47-3	Chromium	10.3		mg/kg dry	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV
7440-48-4	Cobalt	4.42		mg/kg dry	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV
7440-50-8	Copper	34.6		mg/kg dry	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV
7439-89-6	Iron	8480		mg/kg dry	2.20	2.20	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV
7439-92-1	Lead	161		mg/kg dry	0.331	0.331	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV
7439-95-4	Magnesium	9750		mg/kg dry	5.51	5.51	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV
7439-96-5	Manganese	218		mg/kg dry	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV
7440-02-0	Nickel	11.2		mg/kg dry	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV
7440-09-7	Potassium	1120		mg/kg dry	5.51	5.51	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV



Sample Information

Client Sample ID: B-6 0-2ft

York Sample ID: 17B0286-16

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 12:45 pm

Date Received
02/08/2017

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
7782-49-2	Selenium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV
7440-22-4	Silver	ND		mg/kg dry	0.551	0.551	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV
7440-23-5	Sodium	712		mg/kg dry	11.0	11.0	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:12	02/10/2017 23:20	KV
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV
7440-62-2	Vanadium	19.4		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV
7440-66-6	Zinc	108		mg/kg dry	1.10	1.10	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:20	KV

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	0.314		mg/kg dry	0.0331	0.0331	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/14/2017 06:11	02/14/2017 10:07	KV

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	90.7		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/14/2017 10:19	02/14/2017 13:55	TJM

Sample Information

Client Sample ID: B-6 6-8ft

York Sample ID: 17B0286-17

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 1:00 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK



Sample Information

Client Sample ID: B-6 6-8ft

York Sample ID: 17B0286-17

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 1:00 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
67-64-1	Acetone	44	B	ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK



Sample Information

Client Sample ID: B-6 6-8ft

York Sample ID: 17B0286-17

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 1:00 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK



Sample Information

Client Sample ID: B-6 6-8ft

York Sample ID: 17B0286-17

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 1:00 pm

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/14/2017 17:43	02/15/2017 04:00	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/14/2017 17:43	02/15/2017 04:00	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
108-88-3	Toluene	2.5	J	ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:00	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:00	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.7 %	77-125								
2037-26-5	Surrogate: Toluene-d8	89.2 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	76-130								



Sample Information

Client Sample ID: B-6 6-8ft

York Sample ID: 17B0286-17

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 1:00 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.3	180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
62-53-3	Aniline	ND		ug/kg dry	181	362	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
120-12-7	Anthracene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH



Sample Information

Client Sample ID: B-6 6-8ft

York Sample ID: 17B0286-17

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

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February 7, 2017 1:00 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
86-74-8	Carbazole	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
218-01-9	Chrysene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
206-44-0	Fluoranthene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
86-73-7	Fluorene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
78-59-1	Isophorone	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH



Sample Information

Client Sample ID: B-6 6-8ft

York Sample ID: 17B0286-17

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 1:00 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
85-01-8	Phenanthrene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
129-00-0	Pyrene	ND		ug/kg dry	45.3	90.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
110-86-1	Pyridine	ND		ug/kg dry	181	362	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 21:35	KH
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	39.4 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	47.7 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	38.6 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:52	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:52	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:52	SA
309-00-2	Aldrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:52	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:52	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/15/2017 00:52	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:52	SA
57-74-9	Chlordane, total	ND		ug/kg dry	35.7	35.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:52	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:52	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:52	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:52	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:52	SA



Sample Information

Client Sample ID: B-6 6-8ft

York Sample ID: 17B0286-17

York Project (SDG) No.
17B0286

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February 7, 2017 1:00 pm

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:52	SA
72-20-8	Endrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:52	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:52	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:52	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:52	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/15/2017 00:52	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:52	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:52	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.94	8.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:52	SA
8001-35-2	Toxaphene	ND		ug/kg dry	90.4	90.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 00:52	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	54.7 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	48.1 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 21:58	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 21:58	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 21:58	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 21:58	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 21:58	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 21:58	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 21:58	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	0.0180	1	EPA 8082A Certifications:	02/14/2017 08:16	02/15/2017 21:58	SA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

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York Sample ID: 17B0286-17

York Project (SDG) No.
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Client Project ID
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February 7, 2017 1:00 pm

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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	Surrogate: Tetrachloro-m-xylene	46.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	45.0 %			30-140						

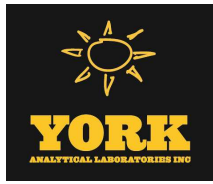
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7180		mg/kg dry	5.42	5.42	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV
7440-36-0	Antimony	ND		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV
7440-39-3	Barium	35.5		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV
7440-41-7	Beryllium	0.137		mg/kg dry	0.108	0.108	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.325	0.325	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV
7440-70-2	Calcium	636		mg/kg dry	0.542	5.42	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV
7440-47-3	Chromium	8.71		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV
7440-48-4	Cobalt	4.07		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV
7440-50-8	Copper	4.80		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV
7439-89-6	Iron	9740		mg/kg dry	2.17	2.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV
7439-92-1	Lead	3.61		mg/kg dry	0.325	0.325	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV
7439-95-4	Magnesium	1710		mg/kg dry	5.42	5.42	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV
7439-96-5	Manganese	257		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV
7440-02-0	Nickel	9.00		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV
7440-09-7	Potassium	575		mg/kg dry	5.42	5.42	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV
7782-49-2	Selenium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV
7440-22-4	Silver	ND		mg/kg dry	0.542	0.542	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV



Sample Information

Client Sample ID: B-6 6-8ft

York Sample ID: 17B0286-17

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 1:00 pm

Date Received

02/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	187		mg/kg dry	10.8	10.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:12	02/10/2017 23:25	KV
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV
7440-62-2	Vanadium	10.5		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV
7440-66-6	Zinc	25.5		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:25	KV

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	0.0494		mg/kg dry	0.0325	0.0325	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/14/2017 06:11	02/14/2017 10:16	KV

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.3		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/14/2017 10:19	02/14/2017 13:55	TJM

Sample Information

Client Sample ID: B-6 14-16ft

York Sample ID: 17B0286-18

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 1:15 pm

Date Received

02/08/2017

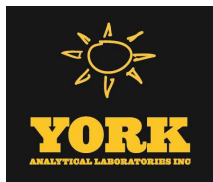
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK



Sample Information

Client Sample ID: B-6 14-16ft

York Sample ID: 17B0286-18

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 1:15 pm

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
67-64-1	Acetone	140	B	ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK



Sample Information

Client Sample ID: B-6 14-16ft

York Sample ID: 17B0286-18

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 1:15 pm

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 04:32	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
79-20-9	Methyl acetate	15		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 04:32	BK

Sample Information

Client Sample ID: B-6 14-16ft

York Sample ID: 17B0286-18

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 1:15 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 04:32	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 04:32	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 04:32	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854	02/15/2017 04:32	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854	02/15/2017 04:32	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 04:32	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 04:32	BK
100-42-5	Styrene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 04:32	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/14/2017 17:43 NELAC-NY10854,NJDEP	02/15/2017 04:32	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 04:32	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 04:32	BK
108-88-3	Toluene	2.7	J	ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 04:32	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 04:32	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 04:32	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 04:32	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 04:32	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 04:32	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 04:32	BK
	Surrogate Recoveries	Result		Acceptance Range							
17060-07-0	<i>Surrogate: 1,2-Dichloroethane-d4</i>	98.2 %		77-125							
2037-26-5	<i>Surrogate: Toluene-d8</i>	90.5 %		85-120							
460-00-4	<i>Surrogate: p-Bromofluorobenzene</i>	104 %		76-130							

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE www.YORKLAB.com		STRATFORD, CT 06615 (203) 325-1371			■		132-02 89th AVENUE FAX (203) 357-0166		RICHMOND HILL, NY 11418 ClientServices@		



Sample Information

Client Sample ID: B-6 14-16ft

York Sample ID: 17B0286-18

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 1:15 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.5	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.5	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
62-53-3	Aniline	ND		ug/kg dry	181	363	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
120-12-7	Anthracene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH



Sample Information

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Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
86-74-8	Carbazole	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
218-01-9	Chrysene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
206-44-0	Fluoranthene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
86-73-7	Fluorene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
78-59-1	Isophorone	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH



Sample Information

Client Sample ID: B-6 14-16ft

York Sample ID: 17B0286-18

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 1:15 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
85-01-8	Phenanthrene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
129-00-0	Pyrene	ND		ug/kg dry	45.4	90.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
110-86-1	Pyridine	ND		ug/kg dry	181	363	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 22:39	KH
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	44.4 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	51.8 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	39.0 %		24-116							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 01:07	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 01:07	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 01:07	SA
309-00-2	Aldrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 01:07	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 01:07	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/15/2017 01:07	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 01:07	SA
57-74-9	Chlordane, total	ND		ug/kg dry	35.8	35.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 01:07	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 01:07	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 01:07	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 01:07	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 01:07	SA



Sample Information

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 01:07	SA
72-20-8	Endrin	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 01:07	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 01:07	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 01:07	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 01:07	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/14/2017 08:16	02/15/2017 01:07	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 01:07	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	1.79	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 01:07	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.96	8.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 01:07	SA
8001-35-2	Toxaphene	ND		ug/kg dry	90.6	90.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 01:07	SA
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	52.3 %		30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	46.8 %		30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 22:22	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 22:22	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 22:22	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 22:22	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 22:22	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 22:22	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/14/2017 08:16	02/15/2017 22:22	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications:	02/14/2017 08:16	02/15/2017 22:22	SA
Surrogate Recoveries		Result		Acceptance Range							



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Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	Surrogate: Tetrachloro-m-xylene	46.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	47.0 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5790		mg/kg dry	5.43	5.43	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:30	KV
7440-36-0	Antimony	ND		mg/kg dry	0.543	0.543	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:30	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:30	KV
7440-39-3	Barium	24.3		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:30	KV
7440-41-7	Beryllium	0.155		mg/kg dry	0.109	0.109	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:30	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.326	0.326	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:30	KV
7440-70-2	Calcium	618		mg/kg dry	0.543	5.43	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:30	KV
7440-47-3	Chromium	7.40		mg/kg dry	0.543	0.543	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:30	KV
7440-48-4	Cobalt	5.54		mg/kg dry	0.543	0.543	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:30	KV
7440-50-8	Copper	9.78		mg/kg dry	0.543	0.543	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:30	KV
7439-89-6	Iron	12000		mg/kg dry	2.17	2.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:30	KV
7439-92-1	Lead	4.19		mg/kg dry	0.326	0.326	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:30	KV
7439-95-4	Magnesium	2380		mg/kg dry	5.43	5.43	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:30	KV
7439-96-5	Manganese	286		mg/kg dry	0.543	0.543	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:30	KV
7440-02-0	Nickel	11.1		mg/kg dry	0.543	0.543	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:30	KV
7440-09-7	Potassium	689		mg/kg dry	5.43	5.43	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:30	KV
7782-49-2	Selenium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:30	KV
7440-22-4	Silver	ND		mg/kg dry	0.543	0.543	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:30	KV



Sample Information

Client Sample ID: B-6 14-16ft

York Sample ID: 17B0286-18

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 1:15 pm

Date Received
02/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	170		mg/kg dry	10.9	10.9	1	EPA 6010C	02/10/2017 15:12	02/10/2017 23:30	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C	02/10/2017 15:12	02/10/2017 23:30	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	10.0		mg/kg dry	1.09	1.09	1	EPA 6010C	02/10/2017 15:12	02/10/2017 23:30	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	27.0		mg/kg dry	1.09	1.09	1	EPA 6010C	02/10/2017 15:12	02/10/2017 23:30	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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	0.0326	0.0326	1	EPA 7473	02/14/2017 06:11	02/14/2017 10:25	KV
								Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.1		%	0.100	0.100	1	SM 2540G	02/14/2017 10:19	02/14/2017 13:55	TJM
								Certifications:	CTDOH		

Sample Information

Client Sample ID: B-7 0-2ft

York Sample ID: 17B0286-19

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 1:30 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/15/2017 08:15	02/15/2017 14:02	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	02/15/2017 08:15	02/15/2017 14:02	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND	QL-02	ug/kg dry	3.0	6.0	1	EPA 8260C	02/15/2017 08:15	02/15/2017 14:02	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: B-7 0-2ft

York Sample ID: 17B0286-19

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 1:30 pm

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:02	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:02	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:02	BK
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:02	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:02	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:02	BK
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:02	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	60	120	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
78-93-3	2-Butanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
591-78-6	2-Hexanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
67-64-1	Acetone	38	B	ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
107-02-8	Acrolein	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK



Sample Information

Client Sample ID: B-7 0-2ft

York Sample ID: 17B0286-19

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 1:30 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:02	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:02	BK
75-25-2	Bromoform	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:02	BK
74-83-9	Bromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:02	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:02	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:02	BK
75-00-3	Chloroethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:02	BK
67-66-3	Chloroform	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:02	BK
74-87-3	Chloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:02	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:02	BK
110-82-7	Cyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:02	BK
74-95-3	Dibromomethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 14:02	BK
87-68-3	Hexachlorobutadiene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
98-82-8	Isopropylbenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
79-20-9	Methyl acetate	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 14:02	BK

Sample Information

Client Sample ID: B-7 0-2ft

York Sample ID: 17B0286-19

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 1:30 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	9.8	J	ug/kg dry	6.0	12	1	EPA 8260C Certifications:	02/15/2017 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 14:02	BK
104-51-8	n-Butylbenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	02/15/2017 08:15 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 14:02	BK
103-65-1	n-Propylbenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	02/15/2017 08:15 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 14:02	BK
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	02/15/2017 08:15 CTDOH,NELAC-NY10854	02/15/2017 14:02	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications:	02/15/2017 08:15 CTDOH,NELAC-NY10854	02/15/2017 14:02	BK
99-87-6	p-Isopropyltoluene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	02/15/2017 08:15 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 14:02	BK
135-98-8	sec-Butylbenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	02/15/2017 08:15 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 14:02	BK
100-42-5	Styrene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	02/15/2017 08:15 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 14:02	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	02/15/2017 08:15 NELAC-NY10854,NJDEP	02/15/2017 14:02	BK
98-06-6	tert-Butylbenzene	ND	IS-LO	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	02/15/2017 08:15 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 14:02	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	02/15/2017 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 14:02	BK
108-88-3	Toluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	02/15/2017 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 14:02	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	02/15/2017 08:15 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 14:02	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	02/15/2017 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 14:02	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	02/15/2017 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 14:02	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	02/15/2017 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 14:02	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications:	02/15/2017 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 14:02	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.1	18	1	EPA 8260C Certifications:	02/15/2017 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 14:02	BK
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %			77-125						
2037-26-5	Surrogate: Toluene-d8	114 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	132 %	S-08		76-130						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE www.YORKLAB.com		STRATFORD, CT 06615 (203) 325-1371			■		132-02 89th AVENUE FAX (203) 357-0166		RICHMOND HILL, NY 11418 ClientServices@		



Sample Information

Client Sample ID: B-7 0-2ft

York Sample ID: 17B0286-19

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 1:30 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.8	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.8	181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
208-96-8	Acenaphthylene	50.1	J	ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
62-53-3	Aniline	ND		ug/kg dry	182	363	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
120-12-7	Anthracene	95.0		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
56-55-3	Benzo(a)anthracene	694		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
50-32-8	Benzo(a)pyrene	289		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
205-99-2	Benzo(b)fluoranthene	221		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
191-24-2	Benzo(g,h,i)perylene	242	IS-06	ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH



Sample Information

Client Sample ID: B-7 0-2ft

York Sample ID: 17B0286-19

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 1:30 pm

Date Received

02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	313		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
117-81-7	Bis(2-ethylhexyl)phthalate	82.0	J	ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
86-74-8	Carbazole	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
218-01-9	Chrysene	719		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
53-70-3	Dibenzo(a,h)anthracene	115	IS-06	ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
206-44-0	Fluoranthene	998		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
86-73-7	Fluorene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
193-39-5	Indeno(1,2,3-cd)pyrene	190	IS-06	ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
78-59-1	Isophorone	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH



Sample Information

Client Sample ID: B-7 0-2ft

York Sample ID: 17B0286-19

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 1:30 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
85-01-8	Phenanthrene	350		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
129-00-0	Pyrene	1190		ug/kg dry	45.5	90.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
110-86-1	Pyridine	ND		ug/kg dry	182	363	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 00:49	KH
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	40.1 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	40.7 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	31.7 %		24-116							

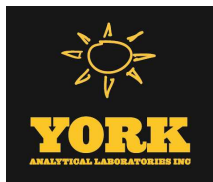
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:56	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:56	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:56	SA
309-00-2	Aldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:56	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:56	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:53	02/16/2017 16:56	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:56	SA
57-74-9	Chlordane, total	ND		ug/kg dry	35.9	35.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:56	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:56	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:56	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:56	SA



Sample Information

Client Sample ID: B-7 0-2ft

York Sample ID: 17B0286-19

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February 7, 2017 1:30 pm

Date Received

02/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:56	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:56	SA
72-20-8	Endrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:56	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:56	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:56	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:56	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:53	02/16/2017 16:56	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:56	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	1.80	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:56	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.98	8.98	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:56	SA
8001-35-2	Toxaphene	ND		ug/kg dry	90.9	90.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:56	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	50.6 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	32.3 %	30-150								

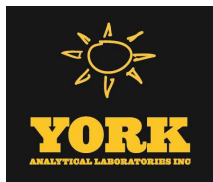
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 22:46	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 22:46	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 22:46	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 22:46	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 22:46	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 22:46	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 22:46	SA



Sample Information

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York Sample ID: 17B0286-19

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 1:30 pm

Date Received

02/08/2017

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	0.0181	1	EPA 8082A Certifications:	02/15/2017 08:53	02/15/2017 22:46	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	39.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	39.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3970		mg/kg dry	5.44	5.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV
7440-36-0	Antimony	ND		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV
7440-38-2	Arsenic	9.42		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV
7440-39-3	Barium	99.7		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV
7440-41-7	Beryllium	0.268		mg/kg dry	0.109	0.109	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.326	0.326	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV
7440-70-2	Calcium	16800		mg/kg dry	0.544	5.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV
7440-47-3	Chromium	6.87		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV
7440-48-4	Cobalt	5.75		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV
7440-50-8	Copper	27.8		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV
7439-89-6	Iron	15100		mg/kg dry	2.18	2.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV
7439-92-1	Lead	47.6		mg/kg dry	0.326	0.326	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV
7439-95-4	Magnesium	6510		mg/kg dry	5.44	5.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV
7439-96-5	Manganese	86.9		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV
7440-02-0	Nickel	15.2		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV
7440-09-7	Potassium	562		mg/kg dry	5.44	5.44	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV



Sample Information

Client Sample ID: B-7 0-2ft

York Sample ID: 17B0286-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0286

1700655

Soil

February 7, 2017 1:30 pm

02/08/2017

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
7782-49-2	Selenium	1.60		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV
7440-22-4	Silver	ND		mg/kg dry	0.544	0.544	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV
7440-23-5	Sodium	307		mg/kg dry	10.9	10.9	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:12	02/10/2017 23:34	KV
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV
7440-62-2	Vanadium	24.1		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV
7440-66-6	Zinc	54.1		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:34	KV

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	0.184		mg/kg dry	0.0326	0.0326	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/14/2017 06:11	02/14/2017 10:34	KV

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.9		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/14/2017 10:19	02/14/2017 13:55	TJM

Sample Information

Client Sample ID: B-7 6-8ft

York Sample ID: 17B0286-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0286

1700655

Soil

February 7, 2017 1:45 pm

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK



Sample Information

Client Sample ID: B-7 6-8ft

York Sample ID: 17B0286-20

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 1:45 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	40	79	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
67-64-1	Acetone	37	B	ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK



Sample Information

Client Sample ID: B-7 6-8ft

York Sample ID: 17B0286-20

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 1:45 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
71-43-2	Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
75-25-2	Bromoform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
79-20-9	Methyl acetate	4.6		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK



Sample Information

Client Sample ID: B-7 6-8ft

York Sample ID: 17B0286-20

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 1:45 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/14/2017 17:43	02/15/2017 05:36	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/14/2017 17:43	02/15/2017 05:36	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
100-42-5	Styrene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
108-88-3	Toluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 05:36	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 05:36	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.6 %	77-125								
2037-26-5	Surrogate: Toluene-d8	91.1 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	76-130								



Sample Information

Client Sample ID: B-7 6-8ft

York Sample ID: 17B0286-20

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 1:45 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
83-32-9	Acenaphthene	127		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
62-53-3	Aniline	ND		ug/kg dry	193	387	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
120-12-7	Anthracene	367		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
56-55-3	Benzo(a)anthracene	1000		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
50-32-8	Benzo(a)pyrene	283		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
205-99-2	Benzo(b)fluoranthene	224		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
191-24-2	Benzo(g,h,i)perylene	230	IS-06	ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
207-08-9	Benzo(k)fluoranthene	366		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH



Sample Information

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Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
86-74-8	Carbazole	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
218-01-9	Chrysene	1010		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
53-70-3	Dibenzo(a,h)anthracene	110	IS-06	ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
132-64-9	Dibenzofuran	57.1	J	ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
206-44-0	Fluoranthene	1770		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
86-73-7	Fluorene	107		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
193-39-5	Indeno(1,2,3-cd)pyrene	225	IS-06	ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
78-59-1	Isophorone	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
91-20-3	Naphthalene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH



Sample Information

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York Sample ID: 17B0286-20

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
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February 7, 2017 1:45 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
85-01-8	Phenanthrene	1370		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
129-00-0	Pyrene	2220		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
110-86-1	Pyridine	ND		ug/kg dry	193	387	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:21	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	54.9 %	22-108								
321-60-8	Surrogate: 2-Fluorobiphenyl	43.3 %	21-113								
1718-51-0	Surrogate: Terphenyl-d14	36.7 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:41	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:41	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:41	SA
309-00-2	Aldrin	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:41	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:41	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:53	02/16/2017 16:41	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:41	SA
57-74-9	Chlordane, total	ND		ug/kg dry	38.2	38.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:41	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:41	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:41	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:41	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:41	SA



Sample Information

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:41	SA
72-20-8	Endrin	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:41	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:41	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:41	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:41	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:53	02/16/2017 16:41	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:41	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:41	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.56	9.56	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:41	SA
8001-35-2	Toxaphene	ND		ug/kg dry	96.7	96.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:41	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	62.3 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	41.5 %	30-150								

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 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 23:10	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 23:10	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 23:10	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 23:10	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 23:10	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 23:10	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 23:10	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications:	02/15/2017 08:53	02/15/2017 23:10	SA
Surrogate Recoveries		Result	Acceptance Range								



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1700655

Soil

February 7, 2017 1:45 pm

02/08/2017

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
877-09-8	Surrogate: Tetrachloro-m-xylene	47.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	47.0 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5940		mg/kg dry	5.79	5.79	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV
7440-36-0	Antimony	ND		mg/kg dry	0.579	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV
7440-38-2	Arsenic	3.86		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV
7440-39-3	Barium	144		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.116	0.116	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV
7440-43-9	Cadmium	0.762		mg/kg dry	0.348	0.348	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV
7440-70-2	Calcium	34900		mg/kg dry	0.579	5.79	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV
7440-47-3	Chromium	15.1		mg/kg dry	0.579	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV
7440-48-4	Cobalt	7.11		mg/kg dry	0.579	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV
7440-50-8	Copper	86.5		mg/kg dry	0.579	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV
7439-89-6	Iron	18000		mg/kg dry	2.32	2.32	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV
7439-92-1	Lead	237		mg/kg dry	0.348	0.348	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV
7439-95-4	Magnesium	15700		mg/kg dry	5.79	5.79	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV
7439-96-5	Manganese	293		mg/kg dry	0.579	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV
7440-02-0	Nickel	15.7		mg/kg dry	0.579	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV
7440-09-7	Potassium	2340		mg/kg dry	5.79	5.79	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV
7782-49-2	Selenium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV
7440-22-4	Silver	ND		mg/kg dry	0.579	0.579	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV



Sample Information

Client Sample ID: B-7 6-8ft

York Sample ID: 17B0286-20

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 1:45 pm

Date Received
02/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	319		mg/kg dry	11.6	11.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:12	02/10/2017 23:52	KV
7440-28-0	Thallium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV
7440-62-2	Vanadium	23.7		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV
7440-66-6	Zinc	394		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:12	02/10/2017 23:52	KV

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	0.766		mg/kg dry	0.0348	0.0348	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/14/2017 06:11	02/14/2017 10:43	KV

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	86.3		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/14/2017 10:19	02/14/2017 13:55	TJM

Sample Information

Client Sample ID: B-7 14-16ft

York Sample ID: 17B0286-21

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:00 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK



Sample Information

Client Sample ID: B-7 14-16ft

York Sample ID: 17B0286-21

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 2:00 pm

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
67-64-1	Acetone	96	B	ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
107-02-8	Acrolein	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK



Sample Information

Client Sample ID: B-7 14-16ft

York Sample ID: 17B0286-21

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:00 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:08	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:08	BK

Sample Information

Client Sample ID: B-7 14-16ft

York Sample ID: 17B0286-21

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:00 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:08	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 06:08	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 06:08	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854	02/15/2017 06:08	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854	02/15/2017 06:08	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 06:08	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 06:08	BK
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 06:08	BK
75-65-0	tert-Butyl alcohol (TBA)	2.9	J	ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/14/2017 17:43 NELAC-NY10854,NJDEP	02/15/2017 06:08	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 06:08	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:08	BK
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:08	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP	02/15/2017 06:08	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:08	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:08	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:08	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:08	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications:	02/14/2017 17:43 CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:08	BK
	Surrogate Recoveries	Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %		77-125							
2037-26-5	Surrogate: Toluene-d8	88.3 %		85-120							
460-00-4	Surrogate: p-Bromofluorobenzene	100 %		76-130							

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE www.YORKLAB.com		STRATFORD, CT 06615 (203) 325-1371			■		132-02 89th AVENUE FAX (203) 357-0166		RICHMOND HILL, NY 11418 ClientServices@		



Sample Information

Client Sample ID: B-7 14-16ft

York Sample ID: 17B0286-21

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:00 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.0	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.0	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
62-53-3	Aniline	ND		ug/kg dry	174	349	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
120-12-7	Anthracene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH



Sample Information

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Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
86-74-8	Carbazole	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
218-01-9	Chrysene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
206-44-0	Fluoranthene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
86-73-7	Fluorene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
78-59-1	Isophorone	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH



Sample Information

Client Sample ID: B-7 14-16ft

York Sample ID: 17B0286-21

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

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February 7, 2017 2:00 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
85-01-8	Phenanthrene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
129-00-0	Pyrene	ND		ug/kg dry	43.6	87.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
110-86-1	Pyridine	ND		ug/kg dry	174	349	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:12	KH
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	48.2 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	38.9 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	26.2 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:21	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:21	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:21	SA
309-00-2	Aldrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:21	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:21	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:53	02/15/2017 16:21	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:21	SA
57-74-9	Chlordane, total	ND		ug/kg dry	34.4	34.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:21	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:21	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:21	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:21	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:21	SA



Sample Information

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:21	SA
72-20-8	Endrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:21	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:21	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:21	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:21	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:53	02/15/2017 16:21	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:21	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.72	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:21	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.61	8.61	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:21	SA
8001-35-2	Toxaphene	ND		ug/kg dry	87.1	87.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:21	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	50.6 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	42.1 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 23:34	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 23:34	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 23:34	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 23:34	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 23:34	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 23:34	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 23:34	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	0.0174	1	EPA 8082A Certifications:	02/15/2017 08:53	02/15/2017 23:34	SA
Surrogate Recoveries		Result	Acceptance Range								



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February 7, 2017 2:00 pm

Date Received
02/08/2017

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
877-09-8	Surrogate: Tetrachloro-m-xylene	38.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	35.0 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4960		mg/kg dry	5.22	5.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV
7440-36-0	Antimony	ND		mg/kg dry	0.522	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.04	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV
7440-39-3	Barium	19.3		mg/kg dry	1.04	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV
7440-41-7	Beryllium	0.154		mg/kg dry	0.104	0.104	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.313	0.313	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV
7440-70-2	Calcium	544		mg/kg dry	0.522	5.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV
7440-47-3	Chromium	5.71		mg/kg dry	0.522	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV
7440-48-4	Cobalt	4.12		mg/kg dry	0.522	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV
7440-50-8	Copper	7.42		mg/kg dry	0.522	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV
7439-89-6	Iron	9190		mg/kg dry	2.09	2.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV
7439-92-1	Lead	3.54		mg/kg dry	0.313	0.313	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV
7439-95-4	Magnesium	2050		mg/kg dry	5.22	5.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV
7439-96-5	Manganese	249		mg/kg dry	0.522	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV
7440-02-0	Nickel	9.72		mg/kg dry	0.522	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV
7440-09-7	Potassium	557		mg/kg dry	5.22	5.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV
7782-49-2	Selenium	ND		mg/kg dry	1.04	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV
7440-22-4	Silver	ND		mg/kg dry	0.522	0.522	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV



Sample Information

Client Sample ID: B-7 14-16ft

York Sample ID: 17B0286-21

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:00 pm

Date Received
02/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	92.1		mg/kg dry	10.4	10.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:14	02/11/2017 00:36	KV
7440-28-0	Thallium	ND		mg/kg dry	1.04	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV
7440-62-2	Vanadium	7.86		mg/kg dry	1.04	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV
7440-66-6	Zinc	23.1		mg/kg dry	1.04	1.04	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:36	KV

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	0.0355		mg/kg dry	0.0313	0.0313	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/14/2017 06:11	02/14/2017 10:56	KV

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	95.8		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/14/2017 10:20	02/14/2017 14:00	TJM

Sample Information

Client Sample ID: B-8 0-2ft

York Sample ID: 17B0286-22

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:15 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK



Sample Information

Client Sample ID: B-8 0-2ft

York Sample ID: 17B0286-22

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 2:15 pm

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	98	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
67-64-1	Acetone	37	B	ug/kg dry	4.9	9.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
107-02-8	Acrolein	ND		ug/kg dry	4.9	9.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK



Sample Information

Client Sample ID: B-8 0-2ft

York Sample ID: 17B0286-22

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:15 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK
75-25-2	Bromoform	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK
67-66-3	Chloroform	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 06:40	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 06:40	BK

Sample Information

Client Sample ID: B-8 0-2ft

York Sample ID: 17B0286-22

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:15 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

[illegible]

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE www.YORKLAB.com		STRATFORD, CT 06615 (203) 325-1371			■		132-02 89th AVENUE FAX (203) 357-0166		RICHMOND HILL, NY 11418 ClientServices@		



Sample Information

Client Sample ID: B-8 0-2ft

York Sample ID: 17B0286-22

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:15 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.7	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
83-32-9	Acenaphthene	167		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
208-96-8	Acenaphthylene	77.8	J	ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
62-53-3	Aniline	ND		ug/kg dry	186	371	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
120-12-7	Anthracene	426		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
56-55-3	Benzo(a)anthracene	1180		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
50-32-8	Benzo(a)pyrene	336		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
205-99-2	Benzo(b)fluoranthene	460		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
191-24-2	Benzo(g,h,i)perylene	212	IS-06	ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH



Sample Information

Client Sample ID: B-8 0-2ft

York Sample ID: 17B0286-22

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:15 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	442		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
85-68-7	Benzyl butyl phthalate	81.5	J	ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
117-81-7	Bis(2-ethylhexyl)phthalate	104		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
86-74-8	Carbazole	70.4	J	ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
218-01-9	Chrysene	1100		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
53-70-3	Dibenzo(a,h)anthracene	143	IS-06	ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
132-64-9	Dibenzofuran	73.4	J	ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
206-44-0	Fluoranthene	1970		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
86-73-7	Fluorene	160		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
193-39-5	Indeno(1,2,3-cd)pyrene	264	IS-06	ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
78-59-1	Isophorone	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
91-20-3	Naphthalene	60.0	J	ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH



Sample Information

Client Sample ID: B-8 0-2ft

York Sample ID: 17B0286-22

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:15 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
85-01-8	Phenanthrene	1450		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
129-00-0	Pyrene	2230		ug/kg dry	46.5	92.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
110-86-1	Pyridine	ND		ug/kg dry	186	371	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 01:53	KH
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	46.3 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	47.9 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	41.2 %		24-116							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:26	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:26	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:26	SA
309-00-2	Aldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:26	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:26	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:53	02/16/2017 16:26	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:26	SA
57-74-9	Chlordane, total	ND		ug/kg dry	36.7	36.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:26	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:26	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:26	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:26	SA



Sample Information

Client Sample ID: B-8 0-2ft

York Sample ID: 17B0286-22

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:15 pm

Date Received
02/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:26	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:26	SA
72-20-8	Endrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:26	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:26	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:26	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:26	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:53	02/16/2017 16:26	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:26	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.83	1.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:26	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.17	9.17	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:26	SA
8001-35-2	Toxaphene	ND		ug/kg dry	92.8	92.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 16:26	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	71.7 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	44.7 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 00:22	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 00:22	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 00:22	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 00:22	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 00:22	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 00:22	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 00:22	SA



Sample Information

Client Sample ID: B-8 0-2ft

York Sample ID: 17B0286-22

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:15 pm

Date Received
02/08/2017

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications:	02/15/2017 08:53	02/16/2017 00:22	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	47.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	42.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6320		mg/kg dry	5.56	5.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV
7440-36-0	Antimony	ND		mg/kg dry	0.556	0.556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV
7440-38-2	Arsenic	2.42		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV
7440-39-3	Barium	130		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV
7440-43-9	Cadmium	0.419		mg/kg dry	0.333	0.333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV
7440-70-2	Calcium	18500		mg/kg dry	0.556	5.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV
7440-47-3	Chromium	11.8		mg/kg dry	0.556	0.556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV
7440-48-4	Cobalt	5.19		mg/kg dry	0.556	0.556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV
7440-50-8	Copper	28.6		mg/kg dry	0.556	0.556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV
7439-89-6	Iron	10400		mg/kg dry	2.22	2.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV
7439-92-1	Lead	308		mg/kg dry	0.333	0.333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV
7439-95-4	Magnesium	6100		mg/kg dry	5.56	5.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV
7439-96-5	Manganese	383		mg/kg dry	0.556	0.556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV
7440-02-0	Nickel	12.9		mg/kg dry	0.556	0.556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV
7440-09-7	Potassium	1170		mg/kg dry	5.56	5.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV



Sample Information

Client Sample ID: B-8 0-2ft

York Sample ID: 17B0286-22

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:15 pm

Date Received
02/08/2017

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
7782-49-2	Selenium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV
7440-22-4	Silver	ND		mg/kg dry	0.556	0.556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV
7440-23-5	Sodium	300		mg/kg dry	11.1	11.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:14	02/11/2017 00:41	KV
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV
7440-62-2	Vanadium	19.7		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV
7440-66-6	Zinc	215		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:41	KV

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	0.358		mg/kg dry	0.0333	0.0333	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/14/2017 06:11	02/14/2017 11:04	KV

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	90.0		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/14/2017 10:20	02/14/2017 14:00	TJM

Sample Information

Client Sample ID: B-8 6-8ft

York Sample ID: 17B0286-23

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:30 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK



Sample Information

Client Sample ID: B-8 6-8ft

York Sample ID: 17B0286-23

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 2:30 pm

Date Received

02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
67-64-1	Acetone	68	B	ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK



Sample Information

Client Sample ID: B-8 6-8ft

York Sample ID: 17B0286-23

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:30 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
79-20-9	Methyl acetate	5.1	J	ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK



Sample Information

Client Sample ID: B-8 6-8ft

York Sample ID: 17B0286-23

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:30 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
75-09-2	Methylene chloride	14		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 08:15	02/15/2017 13:30	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/15/2017 08:15	02/15/2017 13:30	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
100-42-5	Styrene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/15/2017 08:15	02/15/2017 13:30	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:15	02/15/2017 13:30	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	77-125								
2037-26-5	Surrogate: Toluene-d8	90.7 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	108 %	76-130								



Sample Information

Client Sample ID: B-8 6-8ft

York Sample ID: 17B0286-23

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:30 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
83-32-9	Acenaphthene	161		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
208-96-8	Acenaphthylene	70.5	J	ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
62-53-3	Aniline	ND		ug/kg dry	188	376	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
120-12-7	Anthracene	496		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
56-55-3	Benzo(a)anthracene	1820		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
50-32-8	Benzo(a)pyrene	537		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
205-99-2	Benzo(b)fluoranthene	715		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
191-24-2	Benzo(g,h,i)perylene	377	IS-06	ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH



Sample Information

Client Sample ID: B-8 6-8ft

York Sample ID: 17B0286-23

York Project (SDG) No.

17B0286

Client Project ID

1700655

Matrix

Soil

Collection Date/Time

February 7, 2017 2:30 pm

Date Received

02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	686		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
86-74-8	Carbazole	52.5	J	ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
218-01-9	Chrysene	1680		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
53-70-3	Dibenzo(a,h)anthracene	202	IS-06	ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
132-64-9	Dibenzofuran	47.2	J	ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
206-44-0	Fluoranthene	2810		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
86-73-7	Fluorene	114		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
193-39-5	Indeno(1,2,3-cd)pyrene	383	IS-06	ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
78-59-1	Isophorone	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH



Sample Information

Client Sample ID: B-8 6-8ft

York Sample ID: 17B0286-23

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:30 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
85-01-8	Phenanthrene	1950		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
129-00-0	Pyrene	4820		ug/kg dry	118	235	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/17/2017 02:15	KH
110-86-1	Pyridine	ND		ug/kg dry	188	376	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/16/2017 02:25	KH
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	30.4 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	37.6 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	32.6 %		24-116							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:32	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:32	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:32	SA
309-00-2	Aldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:32	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:32	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:53	02/15/2017 16:32	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:32	SA
57-74-9	Chlordane, total	ND		ug/kg dry	37.1	37.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:32	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:32	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:32	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:32	SA



Sample Information

Client Sample ID: B-8 6-8ft

York Sample ID: 17B0286-23

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

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February 7, 2017 2:30 pm

Date Received
02/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:32	SA
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:32	SA
72-20-8	Endrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:32	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:32	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:32	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:32	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:53	02/15/2017 16:32	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:32	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.86	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:32	SA
72-43-5	Methoxychlor	ND		ug/kg dry	9.28	9.28	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:32	SA
8001-35-2	Toxaphene	ND		ug/kg dry	93.9	93.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:32	SA
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	47.9 %		30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	52.0 %		30-150							

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 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 00:47	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 00:47	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 00:47	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 00:47	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 00:47	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 00:47	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 00:47	SA



Sample Information

Client Sample ID: B-8 6-8ft

York Sample ID: 17B0286-23

York Project (SDG) No.
17B0286

Client Project ID
1700655

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February 7, 2017 2:30 pm

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02/08/2017

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications:	02/15/2017 08:53	02/16/2017 00:47	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	51.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	42.5 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5980		mg/kg dry	5.62	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV
7440-36-0	Antimony	ND		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV
7440-38-2	Arsenic	2.82		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV
7440-39-3	Barium	151		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV
7440-41-7	Beryllium	ND		mg/kg dry	0.112	0.112	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV
7440-43-9	Cadmium	0.443		mg/kg dry	0.337	0.337	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV
7440-70-2	Calcium	6930		mg/kg dry	0.562	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV
7440-47-3	Chromium	12.0		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV
7440-48-4	Cobalt	5.73		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV
7440-50-8	Copper	46.5		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV
7439-89-6	Iron	11900		mg/kg dry	2.25	2.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV
7439-92-1	Lead	238		mg/kg dry	0.337	0.337	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV
7439-95-4	Magnesium	3050		mg/kg dry	5.62	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV
7439-96-5	Manganese	226		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV
7440-02-0	Nickel	12.5		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV
7440-09-7	Potassium	908		mg/kg dry	5.62	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV



Sample Information

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02/08/2017

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
7782-49-2	Selenium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV
7440-22-4	Silver	ND		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV
7440-23-5	Sodium	163		mg/kg dry	11.2	11.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:14	02/11/2017 00:59	KV
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV
7440-62-2	Vanadium	14.6		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV
7440-66-6	Zinc	244		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 00:59	KV

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	0.844		mg/kg dry	0.0337	0.0337	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/14/2017 06:11	02/14/2017 11:13	KV

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 Certifications: CTDOH	02/14/2017 10:20	02/14/2017 14:00	TJM

Sample Information

Client Sample ID: B-8 14-16ft

York Sample ID: 17B0286-24

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:45 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK



Sample Information

Client Sample ID: B-8 14-16ft

York Sample ID: 17B0286-24

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:45 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
67-64-1	Acetone	75	B	ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK



Sample Information

Client Sample ID: B-8 14-16ft

York Sample ID: 17B0286-24

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:45 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
79-20-9	Methyl acetate	3.3	J	ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK



Sample Information

Client Sample ID: B-8 14-16ft

York Sample ID: 17B0286-24

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:45 pm

Date Received
02/08/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/14/2017 17:43	02/15/2017 07:45	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	02/14/2017 17:43	02/15/2017 07:45	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
100-42-5	Styrene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
108-88-3	Toluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/14/2017 17:43	02/15/2017 07:45	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 17:43	02/15/2017 07:45	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	77-125								
2037-26-5	Surrogate: Toluene-d8	90.6 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	105 %	76-130								



Sample Information

Client Sample ID: B-8 14-16ft

York Sample ID: 17B0286-24

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:45 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.6	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
83-32-9	Acenaphthene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
62-53-3	Aniline	ND		ug/kg dry	177	355	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
120-12-7	Anthracene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH



Sample Information

Client Sample ID: B-8 14-16ft

York Sample ID: 17B0286-24

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:45 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by 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	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
86-74-8	Carbazole	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
218-01-9	Chrysene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
206-44-0	Fluoranthene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
86-73-7	Fluorene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
78-59-1	Isophorone	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
91-20-3	Naphthalene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH



Sample Information

Client Sample ID: B-8 14-16ft

York Sample ID: 17B0286-24

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:45 pm

Date Received
02/08/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
85-01-8	Phenanthrene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
129-00-0	Pyrene	ND		ug/kg dry	44.4	88.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
110-86-1	Pyridine	ND		ug/kg dry	177	355	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:51	02/15/2017 23:44	KH
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	41.5 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	44.3 %		21-113							
1718-51-0	Surrogate: Terphenyl-d14	32.5 %		24-116							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:47	SA
72-55-9	4,4'-DDE	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:47	SA
50-29-3	4,4'-DDT	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:47	SA
309-00-2	Aldrin	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:47	SA
319-84-6	alpha-BHC	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:47	SA
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:53	02/15/2017 16:47	SA
319-85-7	beta-BHC	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:47	SA
57-74-9	Chlordane, total	ND		ug/kg dry	35.0	35.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:47	SA
319-86-8	delta-BHC	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:47	SA
60-57-1	Dieldrin	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:47	SA
959-98-8	Endosulfan I	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:47	SA
33213-65-9	Endosulfan II	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:47	SA



Sample Information

Client Sample ID: B-8 14-16ft

York Sample ID: 17B0286-24

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:45 pm

Date Received
02/08/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:47	SA
72-20-8	Endrin	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:47	SA
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:47	SA
53494-70-5	Endrin ketone	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:47	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:47	SA
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/15/2017 08:53	02/15/2017 16:47	SA
76-44-8	Heptachlor	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:47	SA
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.75	1.75	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:47	SA
72-43-5	Methoxychlor	ND		ug/kg dry	8.76	8.76	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:47	SA
8001-35-2	Toxaphene	ND		ug/kg dry	88.7	88.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 08:53	02/15/2017 16:47	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	36.0 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	35.5 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 01:11	SA
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 01:11	SA
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 01:11	SA
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 01:11	SA
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 01:11	SA
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 01:11	SA
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 08:53	02/16/2017 01:11	SA
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0177	0.0177	1	EPA 8082A Certifications:	02/15/2017 08:53	02/16/2017 01:11	SA
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: B-8 14-16ft

York Sample ID: 17B0286-24

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:45 pm

Date Received
02/08/2017

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
877-09-8	Surrogate: Tetrachloro-m-xylene	35.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	32.5 %			30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5570		mg/kg dry	5.31	5.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV
7440-36-0	Antimony	ND		mg/kg dry	0.531	0.531	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV
7440-38-2	Arsenic	ND		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV
7440-39-3	Barium	19.0		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV
7440-41-7	Beryllium	0.143		mg/kg dry	0.106	0.106	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.319	0.319	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV
7440-70-2	Calcium	460		mg/kg dry	0.531	5.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV
7440-47-3	Chromium	7.22		mg/kg dry	0.531	0.531	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV
7440-48-4	Cobalt	4.53		mg/kg dry	0.531	0.531	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV
7440-50-8	Copper	7.78		mg/kg dry	0.531	0.531	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV
7439-89-6	Iron	10200		mg/kg dry	2.12	2.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV
7439-92-1	Lead	3.93		mg/kg dry	0.319	0.319	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV
7439-95-4	Magnesium	2200		mg/kg dry	5.31	5.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV
7439-96-5	Manganese	217		mg/kg dry	0.531	0.531	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV
7440-02-0	Nickel	10.6		mg/kg dry	0.531	0.531	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV
7440-09-7	Potassium	652		mg/kg dry	5.31	5.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV
7782-49-2	Selenium	ND		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV
7440-22-4	Silver	ND		mg/kg dry	0.531	0.531	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV



Sample Information

Client Sample ID: B-8 14-16ft

York Sample ID: 17B0286-24

York Project (SDG) No.
17B0286

Client Project ID
1700655

Matrix
Soil

Collection Date/Time
February 7, 2017 2:45 pm

Date Received
02/08/2017

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	148		mg/kg dry	10.6	10.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/10/2017 15:14	02/11/2017 01:04	KV
7440-28-0	Thallium	ND		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV
7440-62-2	Vanadium	11.4		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV
7440-66-6	Zinc	21.9		mg/kg dry	1.06	1.06	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/10/2017 15:14	02/11/2017 01:04	KV

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	0.0319	0.0319	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/14/2017 06:11	02/14/2017 11:25	KV

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.2		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	02/14/2017 10:20	02/14/2017 14:00	TJM



Analytical Batch Summary

Batch ID: BB70496

Preparation Method: EPA 3050B

Prepared By: KV

YORK Sample ID	Client Sample ID	Preparation Date
17B0286-01	B-1 0-2ft	02/10/17
17B0286-02	B-1 6-8ft	02/10/17
17B0286-03	B-1 14-16ft	02/10/17
17B0286-04	B-2 0-2ft	02/10/17
17B0286-05	B-2 6-8ft	02/10/17
17B0286-06	B-2 14-16ft	02/10/17
17B0286-07	B-3 0-2ft	02/10/17
17B0286-08	B-3 6-8ft	02/10/17
17B0286-09	B-3 14-16ft	02/10/17
17B0286-10	B-4 0-2ft	02/10/17
17B0286-11	B-4 6-8ft	02/10/17
17B0286-12	B-4 14-16ft	02/10/17
17B0286-13	B-5 0-2ft	02/10/17
17B0286-14	B-5 6-8ft	02/10/17
17B0286-15	B-5 14-16ft	02/10/17
17B0286-16	B-6 0-2ft	02/10/17
17B0286-17	B-6 6-8ft	02/10/17
17B0286-18	B-6 14-16ft	02/10/17
17B0286-19	B-7 0-2ft	02/10/17
17B0286-20	B-7 6-8ft	02/10/17
BB70496-BLK1	Blank	02/10/17
BB70496-DUP1	Duplicate	02/10/17
BB70496-MS1	Matrix Spike	02/10/17
BB70496-SRM1	Reference	02/10/17

Batch ID: BB70497

Preparation Method: EPA 3050B

Prepared By: KV

YORK Sample ID	Client Sample ID	Preparation Date
17B0286-21	B-7 14-16ft	02/10/17
17B0286-22	B-8 0-2ft	02/10/17
17B0286-23	B-8 6-8ft	02/10/17
17B0286-24	B-8 14-16ft	02/10/17
BB70497-BLK1	Blank	02/10/17
BB70497-SRM1	Reference	02/10/17

Batch ID: BB70578

Preparation Method: EPA 7473 soil

Prepared By: ALD

YORK Sample ID	Client Sample ID	Preparation Date
17B0286-01	B-1 0-2ft	02/13/17
17B0286-02	B-1 6-8ft	02/13/17
17B0286-03	B-1 14-16ft	02/13/17
17B0286-04	B-2 0-2ft	02/13/17
BB70578-BLK1	Blank	02/13/17
BB70578-SRM1	Reference	02/13/17



Batch ID: BB70652

Preparation Method: EPA 7473 soil

Prepared By: ALD

YORK Sample ID	Client Sample ID	Preparation Date
17B0286-05	B-2 6-8ft	02/14/17
17B0286-06	B-2 14-16ft	02/14/17
17B0286-07	B-3 0-2ft	02/14/17
17B0286-08	B-3 6-8ft	02/14/17
17B0286-09	B-3 14-16ft	02/14/17
17B0286-10	B-4 0-2ft	02/14/17
17B0286-11	B-4 6-8ft	02/14/17
17B0286-12	B-4 14-16ft	02/14/17
17B0286-13	B-5 0-2ft	02/14/17
17B0286-14	B-5 6-8ft	02/14/17
17B0286-15	B-5 14-16ft	02/14/17
17B0286-16	B-6 0-2ft	02/14/17
17B0286-17	B-6 6-8ft	02/14/17
17B0286-18	B-6 14-16ft	02/14/17
17B0286-19	B-7 0-2ft	02/14/17
17B0286-20	B-7 6-8ft	02/14/17
17B0286-21	B-7 14-16ft	02/14/17
17B0286-22	B-8 0-2ft	02/14/17
17B0286-23	B-8 6-8ft	02/14/17
17B0286-24	B-8 14-16ft	02/14/17
BB70652-BLK1	Blank	02/14/17
BB70652-DUP1	Duplicate	02/14/17
BB70652-MS1	Matrix Spike	02/14/17
BB70652-SRM1	Reference	02/14/17

Batch ID: BB70662

Preparation Method: EPA 5035A

Prepared By: RDS

YORK Sample ID	Client Sample ID	Preparation Date
17B0286-01	B-1 0-2ft	02/14/17
17B0286-02	B-1 6-8ft	02/14/17
17B0286-03	B-1 14-16ft	02/14/17
17B0286-05	B-2 6-8ft	02/14/17
17B0286-06	B-2 14-16ft	02/14/17
17B0286-08	B-3 6-8ft	02/14/17
17B0286-09	B-3 14-16ft	02/14/17
17B0286-10	B-4 0-2ft	02/14/17
BB70662-BLK1	Blank	02/14/17
BB70662-BS1	LCS	02/14/17
BB70662-BSD1	LCS Dup	02/14/17

Batch ID: BB70668

Preparation Method: EPA 3550C

Prepared By: TB

YORK Sample ID	Client Sample ID	Preparation Date
17B0286-01	B-1 0-2ft	02/14/17
17B0286-01	B-1 0-2ft	02/14/17
17B0286-02	B-1 6-8ft	02/14/17



17B0286-02	B-1 6-8ft	02/14/17
17B0286-03	B-1 14-16ft	02/14/17
17B0286-03	B-1 14-16ft	02/14/17
BB70668-BLK1	Blank	02/14/17
BB70668-BLK2	Blank	02/14/17
BB70668-BS1	LCS	02/14/17
BB70668-BS2	LCS	02/14/17

Batch ID: BB70669 **Preparation Method:** EPA 3550C **Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date

17B0286-04	B-2 0-2ft	02/14/17
17B0286-04	B-2 0-2ft	02/14/17
17B0286-05	B-2 6-8ft	02/14/17
17B0286-05	B-2 6-8ft	02/14/17
17B0286-06	B-2 14-16ft	02/14/17
17B0286-06	B-2 14-16ft	02/14/17
17B0286-07	B-3 0-2ft	02/14/17
17B0286-07	B-3 0-2ft	02/14/17
17B0286-08	B-3 6-8ft	02/14/17
17B0286-08	B-3 6-8ft	02/14/17
17B0286-09	B-3 14-16ft	02/14/17
17B0286-09	B-3 14-16ft	02/14/17
17B0286-10	B-4 0-2ft	02/14/17
17B0286-10	B-4 0-2ft	02/14/17
17B0286-11	B-4 6-8ft	02/14/17
17B0286-11	B-4 6-8ft	02/14/17
17B0286-12	B-4 14-16ft	02/14/17
17B0286-12	B-4 14-16ft	02/14/17
17B0286-13	B-5 0-2ft	02/14/17
17B0286-13	B-5 0-2ft	02/14/17
17B0286-14	B-5 6-8ft	02/14/17
17B0286-14	B-5 6-8ft	02/14/17
17B0286-15	B-5 14-16ft	02/14/17
17B0286-15	B-5 14-16ft	02/14/17
17B0286-16	B-6 0-2ft	02/14/17
17B0286-16	B-6 0-2ft	02/14/17
17B0286-17	B-6 6-8ft	02/14/17
17B0286-17	B-6 6-8ft	02/14/17
17B0286-18	B-6 14-16ft	02/14/17
17B0286-18	B-6 14-16ft	02/14/17
BB70669-BLK1	Blank	02/14/17
BB70669-BLK2	Blank	02/14/17
BB70669-BS1	LCS	02/14/17
BB70669-BS2	LCS	02/14/17

Batch ID: BB70678 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date

17B0286-01	B-1 0-2ft	02/14/17
17B0286-02	B-1 6-8ft	02/14/17



17B0286-03	B-1 14-16ft	02/14/17
17B0286-04	B-2 0-2ft	02/14/17
17B0286-05	B-2 6-8ft	02/14/17
17B0286-06	B-2 14-16ft	02/14/17
17B0286-07	B-3 0-2ft	02/14/17
17B0286-08	B-3 6-8ft	02/14/17
17B0286-09	B-3 14-16ft	02/14/17
17B0286-10	B-4 0-2ft	02/14/17
17B0286-11	B-4 6-8ft	02/14/17
17B0286-12	B-4 14-16ft	02/14/17
17B0286-13	B-5 0-2ft	02/14/17
17B0286-14	B-5 6-8ft	02/14/17
17B0286-15	B-5 14-16ft	02/14/17
17B0286-16	B-6 0-2ft	02/14/17
17B0286-17	B-6 6-8ft	02/14/17
17B0286-18	B-6 14-16ft	02/14/17
17B0286-19	B-7 0-2ft	02/14/17
17B0286-20	B-7 6-8ft	02/14/17
BB70678-DUP1	Duplicate	02/14/17

Batch ID: BB70679 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
17B0286-21	B-7 14-16ft	02/14/17
17B0286-22	B-8 0-2ft	02/14/17
17B0286-23	B-8 6-8ft	02/14/17
17B0286-24	B-8 14-16ft	02/14/17

Batch ID: BB70700 **Preparation Method:** EPA 5035A **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
17B0286-11	B-4 6-8ft	02/14/17
17B0286-13	B-5 0-2ft	02/14/17
17B0286-14	B-5 6-8ft	02/14/17
17B0286-15	B-5 14-16ft	02/14/17
17B0286-16	B-6 0-2ft	02/14/17
17B0286-17	B-6 6-8ft	02/14/17
17B0286-18	B-6 14-16ft	02/14/17
17B0286-20	B-7 6-8ft	02/14/17
17B0286-21	B-7 14-16ft	02/14/17
17B0286-22	B-8 0-2ft	02/14/17
17B0286-24	B-8 14-16ft	02/14/17
BB70700-BLK1	Blank	02/14/17
BB70700-BS1	LCS	02/14/17
BB70700-BSD1	LCS Dup	02/14/17

Batch ID: BB70727 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17B0286-04	B-2 0-2ft	02/15/17



17B0286-07	B-3 0-2ft	02/15/17
17B0286-12	B-4 14-16ft	02/15/17
17B0286-19	B-7 0-2ft	02/15/17
17B0286-23	B-8 6-8ft	02/15/17
BB70727-BLK1	Blank	02/15/17
BB70727-BS1	LCS	02/15/17
BB70727-BSD1	LCS Dup	02/15/17

Batch ID: BB70734 **Preparation Method:** EPA 3550C **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
17B0286-02	B-1 6-8ft	02/15/17
17B0286-03	B-1 14-16ft	02/15/17
17B0286-04	B-2 0-2ft	02/15/17
17B0286-05	B-2 6-8ft	02/15/17
17B0286-06	B-2 14-16ft	02/15/17
17B0286-07	B-3 0-2ft	02/15/17
17B0286-08	B-3 6-8ft	02/15/17
17B0286-09	B-3 14-16ft	02/15/17
17B0286-10	B-4 0-2ft	02/15/17
17B0286-11	B-4 6-8ft	02/15/17
17B0286-12	B-4 14-16ft	02/15/17
BB70734-BLK1	Blank	02/15/17
BB70734-BS1	LCS	02/15/17
BB70734-BSD1	LCS Dup	02/15/17

Batch ID: BB70735 **Preparation Method:** EPA 3550C **Prepared By:** SGM

YORK Sample ID	Client Sample ID	Preparation Date
17B0286-01	B-1 0-2ft	02/15/17
17B0286-13	B-5 0-2ft	02/15/17
17B0286-14	B-5 6-8ft	02/15/17
17B0286-15	B-5 14-16ft	02/15/17
17B0286-16	B-6 0-2ft	02/15/17
17B0286-17	B-6 6-8ft	02/15/17
17B0286-18	B-6 14-16ft	02/15/17
17B0286-19	B-7 0-2ft	02/15/17
17B0286-20	B-7 6-8ft	02/15/17
17B0286-21	B-7 14-16ft	02/15/17
17B0286-22	B-8 0-2ft	02/15/17
17B0286-23	B-8 6-8ft	02/15/17
17B0286-24	B-8 14-16ft	02/15/17
BB70735-BLK1	Blank	02/15/17
BB70735-BS1	LCS	02/15/17
BB70735-BSD1	LCS Dup	02/15/17

Batch ID: BB70737 **Preparation Method:** EPA 3550C **Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
17B0286-19	B-7 0-2ft	02/15/17



17B0286-19	B-7 0-2ft	02/15/17
17B0286-20	B-7 6-8ft	02/15/17
17B0286-20	B-7 6-8ft	02/15/17
17B0286-21	B-7 14-16ft	02/15/17
17B0286-21	B-7 14-16ft	02/15/17
17B0286-22	B-8 0-2ft	02/15/17
17B0286-22	B-8 0-2ft	02/15/17
17B0286-23	B-8 6-8ft	02/15/17
17B0286-23	B-8 6-8ft	02/15/17
17B0286-24	B-8 14-16ft	02/15/17
17B0286-24	B-8 14-16ft	02/15/17
BB70737-BLK1	Blank	02/15/17
BB70737-BLK2	Blank	02/15/17
BB70737-BS1	LCS	02/15/17
BB70737-BS2	LCS	02/15/17



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 BB70662 - EPA 5035A											
Blank (BB70662-BLK1)										Prepared & Analyzed: 02/14/2017	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	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	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								



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 BB70662 - EPA 5035A

Blank (BB70662-BLK1)

Prepared & Analyzed: 02/14/2017

n-Butylbenzene	ND	5.0	ug/kg wet								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	46.7		ug/L	50.0		93.3	77-125				
<i>Surrogate: Toluene-d8</i>	47.0		"	50.0		94.0	85-120				
<i>Surrogate: p-Bromofluorobenzene</i>	52.5		"	50.0		105	76-130				

LCS (BB70662-BS1)

Prepared & Analyzed: 02/14/2017

1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	61		"	50.0		121	71-137				
1,1,2,2-Tetrachloroethane	47		"	50.0		94.4	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		98.1	58-146				
1,1,2-Trichloroethane	51		"	50.0		101	83-123				
1,1-Dichloroethane	58		"	50.0		116	75-130				
1,1-Dichloroethylene	51		"	50.0		102	64-137				
1,2,3-Trichlorobenzene	51		"	50.0		102	81-140				
1,2,3-Trichloropropane	47		"	50.0		94.8	81-126				
1,2,4-Trichlorobenzene	51		"	50.0		101	80-141				
1,2,4-Trimethylbenzene	46		"	50.0		91.3	84-125				
1,2-Dibromo-3-chloropropane	49		"	50.0		98.0	74-142				
1,2-Dibromoethane	55		"	50.0		110	86-123				
1,2-Dichlorobenzene	49		"	50.0		98.2	85-122				
1,2-Dichloroethane	57		"	50.0		114	71-133				
1,2-Dichloropropane	48		"	50.0		96.9	81-122				
1,3,5-Trimethylbenzene	45		"	50.0		90.9	82-126				
1,3-Dichlorobenzene	49		"	50.0		98.9	84-124				
1,4-Dichlorobenzene	50		"	50.0		100	84-124				
1,4-Dioxane	910		"	1000		90.5	10-228				
2-Butanone	60		"	50.0		119	58-147				
2-Hexanone	45		"	50.0		90.6	70-139				
4-Methyl-2-pentanone	49		"	50.0		98.9	72-132				
Acetone	51		"	50.0		102	36-155				
Acrolein	48		"	50.0		95.2	10-238				
Acrylonitrile	59		"	50.0		118	66-141				
Benzene	63		"	50.0		125	77-127				
Bromochloromethane	60		"	50.0		119	74-129				
Bromodichloromethane	48		"	50.0		95.0	81-124				



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 BB70662 - EPA 5035A

LCS (BB70662-BS1)

Prepared & Analyzed: 02/14/2017

Bromoform	56		ug/L	50.0		112	80-136				
Bromomethane	43		"	50.0		85.1	32-177				
Carbon disulfide	53		"	50.0		106	10-136				
Carbon tetrachloride	62		"	50.0		123	66-143				
Chlorobenzene	53		"	50.0		106	86-120				
Chloroethane	48		"	50.0		95.2	51-142				
Chloroform	62		"	50.0		125	76-131				
Chloromethane	58		"	50.0		117	49-132				
cis-1,2-Dichloroethylene	64		"	50.0		128	74-132				
cis-1,3-Dichloropropylene	50		"	50.0		100	81-129				
Cyclohexane	59		"	50.0		118	70-130				
Dibromochloromethane	54		"	50.0		107	10-200				
Dibromomethane	54		"	50.0		108	83-124				
Dichlorodifluoromethane	70		"	50.0		139	28-158				
Ethyl Benzene	48		"	50.0		96.6	84-125				
Hexachlorobutadiene	50		"	50.0		100	83-133				
Isopropylbenzene	49		"	50.0		97.0	81-127				
Methyl acetate	50		"	50.0		99.6	41-143				
Methyl tert-butyl ether (MTBE)	58		"	50.0		116	74-131				
Methylcyclohexane	49		"	50.0		97.3	70-130				
Methylene chloride	55		"	50.0		110	57-141				
n-Butylbenzene	43		"	50.0		86.5	80-130				
n-Propylbenzene	45		"	50.0		89.6	74-136				
o-Xylene	50		"	50.0		99.3	83-123				
p- & m- Xylenes	96		"	100		95.9	82-128				
p-Isopropyltoluene	48		"	50.0		95.2	85-125				
sec-Butylbenzene	47		"	50.0		94.6	83-125				
Styrene	50		"	50.0		100	86-126				
tert-Butyl alcohol (TBA)	50		"	50.0		100	70-130				
tert-Butylbenzene	47		"	50.0		94.7	80-127				
Tetrachloroethylene	57		"	50.0		113	80-129				
Toluene	50		"	50.0		101	85-121				
trans-1,2-Dichloroethylene	59		"	50.0		117	72-132				
trans-1,3-Dichloropropylene	49		"	50.0		97.2	78-132				
Trichloroethylene	51		"	50.0		103	84-123				
Trichlorofluoromethane	51		"	50.0		103	62-140				
Vinyl Chloride	55		"	50.0		111	52-130				
Surrogate: 1,2-Dichloroethane-d4	44.8		"	50.0		89.6	77-125				
Surrogate: Toluene-d8	43.0		"	50.0		85.9	85-120				
Surrogate: p-Bromofluorobenzene	53.1		"	50.0		106	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB70662 - EPA 5035A											
LCS Dup (BB70662-BSD1)						Prepared & Analyzed: 02/14/2017					
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		104	75-129		1.96	30	
1,1,1-Trichloroethane	64		"	50.0		127	71-137		4.95	30	
1,1,2,2-Tetrachloroethane	48		"	50.0		95.3	79-129		0.949	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		102	58-146		3.68	30	
1,1,2-Trichloroethane	56		"	50.0		112	83-123		9.78	30	
1,1-Dichloroethane	61		"	50.0		122	75-130		4.76	30	
1,1-Dichloroethylene	54		"	50.0		107	64-137		4.72	30	
1,2,3-Trichlorobenzene	53		"	50.0		105	81-140		3.67	30	
1,2,3-Trichloropropane	48		"	50.0		96.2	81-126		1.49	30	
1,2,4-Trichlorobenzene	54		"	50.0		107	80-141		6.00	30	
1,2,4-Trimethylbenzene	47		"	50.0		93.3	84-125		2.17	30	
1,2-Dibromo-3-chloropropane	48		"	50.0		95.9	74-142		2.14	30	
1,2-Dibromoethane	58		"	50.0		116	86-123		5.72	30	
1,2-Dichlorobenzene	51		"	50.0		101	85-122		2.95	30	
1,2-Dichloroethane	61		"	50.0		123	71-133		7.24	30	
1,2-Dichloropropane	49		"	50.0		98.3	81-122		1.35	30	
1,3,5-Trimethylbenzene	48		"	50.0		95.5	82-126		4.93	30	
1,3-Dichlorobenzene	51		"	50.0		102	84-124		2.93	30	
1,4-Dichlorobenzene	52		"	50.0		104	84-124		4.09	30	
1,4-Dioxane	880		"	1000		88.0	10-228		2.81	30	
2-Butanone	61		"	50.0		121	58-147		1.73	30	
2-Hexanone	49		"	50.0		97.8	70-139		7.56	30	
4-Methyl-2-pentanone	52		"	50.0		103	72-132		4.47	30	
Acetone	51		"	50.0		102	36-155		0.470	30	
Acrolein	46		"	50.0		92.5	10-238		2.81	30	
Acrylonitrile	59		"	50.0		118	66-141		0.169	30	
Benzene	68		"	50.0		135	77-127	High Bias	7.63	30	
Bromochloromethane	62		"	50.0		123	74-129		3.21	30	
Bromodichloromethane	50		"	50.0		100	81-124		5.47	30	
Bromoform	57		"	50.0		114	80-136		1.35	30	
Bromomethane	44		"	50.0		88.0	32-177		3.28	30	
Carbon disulfide	54		"	50.0		107	10-136		1.37	30	
Carbon tetrachloride	65		"	50.0		129	66-143		4.76	30	
Chlorobenzene	56		"	50.0		113	86-120		5.90	30	
Chloroethane	47		"	50.0		94.5	51-142		0.717	30	
Chloroform	65		"	50.0		131	76-131		4.80	30	
Chloromethane	65		"	50.0		129	49-132		10.5	30	
cis-1,2-Dichloroethylene	67		"	50.0		134	74-132	High Bias	4.82	30	
cis-1,3-Dichloropropylene	52		"	50.0		105	81-129		4.28	30	
Cyclohexane	61		"	50.0		123	70-130		3.79	30	
Dibromochloromethane	56		"	50.0		113	10-200		5.20	30	
Dibromomethane	54		"	50.0		109	83-124		0.681	30	
Dichlorodifluoromethane	77		"	50.0		153	28-158		9.57	30	
Ethyl Benzene	52		"	50.0		104	84-125		7.21	30	
Hexachlorobutadiene	52		"	50.0		104	83-133		4.19	30	
Isopropylbenzene	49		"	50.0		98.9	81-127		1.90	30	
Methyl acetate	49		"	50.0		98.6	41-143		1.05	30	
Methyl tert-butyl ether (MTBE)	61		"	50.0		123	74-131		5.47	30	
Methylcyclohexane	53		"	50.0		105	70-130		7.82	30	
Methylene chloride	56		"	50.0		113	57-141		2.11	30	
n-Butylbenzene	44		"	50.0		88.5	80-130		2.38	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 BB70662 - EPA 5035A

LCS Dup (BB70662-BSD1)

Prepared & Analyzed: 02/14/2017

n-Propylbenzene	46		ug/L	50.0		92.7	74-136		3.40	30	
o-Xylene	52		"	50.0		103	83-123		4.05	30	
p- & m- Xylenes	100		"	100		101	82-128		5.30	30	
p-Isopropyltoluene	48		"	50.0		96.5	85-125		1.36	30	
sec-Butylbenzene	49		"	50.0		97.2	83-125		2.73	30	
Styrene	53		"	50.0		106	86-126		5.70	30	
tert-Butyl alcohol (TBA)	54		"	50.0		108	70-130		7.62	30	
tert-Butylbenzene	50		"	50.0		100	80-127		5.78	30	
Tetrachloroethylene	58		"	50.0		115	80-129		1.66	30	
Toluene	53		"	50.0		107	85-121		5.91	30	
trans-1,2-Dichloroethylene	62		"	50.0		123	72-132		4.85	30	
trans-1,3-Dichloropropylene	48		"	50.0		95.5	78-132		1.83	30	
Trichloroethylene	54		"	50.0		108	84-123		5.09	30	
Trichlorofluoromethane	52		"	50.0		104	62-140		1.35	30	
Vinyl Chloride	57		"	50.0		114	52-130		2.77	30	
Surrogate: 1,2-Dichloroethane-d4	44.8		"	50.0		89.6	77-125				
Surrogate: Toluene-d8	43.6		"	50.0		87.3	85-120				
Surrogate: p-Bromofluorobenzene	52.3		"	50.0		105	76-130				

Batch BB70700 - EPA 5035A

Blank (BB70700-BLK1)

Prepared: 02/14/2017 Analyzed: 02/15/2017

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet
1,1,1-Trichloroethane	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,1-Dichloroethylene	ND	5.0	"
1,2,3-Trichlorobenzene	ND	5.0	"
1,2,3-Trichloropropane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
1,4-Dioxane	ND	100	"
2-Butanone	ND	5.0	"
2-Hexanone	ND	5.0	"
4-Methyl-2-pentanone	ND	5.0	"
Acetone	7.9	10	"
Acrolein	ND	10	"
Acrylonitrile	ND	5.0	"
Benzene	ND	5.0	"
Bromochloromethane	ND	5.0	"
Bromodichloromethane	ND	5.0	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BB70700 - EPA 5035A

Blank (BB70700-BLK1)

Prepared: 02/14/2017 Analyzed: 02/15/2017

Bromoform	ND	5.0	ug/kg wet								
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	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	49.0		ug/L	50.0		98.0	77-125				
Surrogate: Toluene-d8	44.5		"	50.0		89.0	85-120				
Surrogate: p-Bromofluorobenzene	52.2		"	50.0		104	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB70700 - EPA 5035A											
LCS (BB70700-BS1)						Prepared & Analyzed: 02/14/2017					
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		99.5	75-129				
1,1,1-Trichloroethane	64		"	50.0		129	71-137				
1,1,2,2-Tetrachloroethane	49		"	50.0		97.8	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		101	58-146				
1,1,2-Trichloroethane	55		"	50.0		110	83-123				
1,1-Dichloroethane	62		"	50.0		123	75-130				
1,1-Dichloroethylene	54		"	50.0		108	64-137				
1,2,3-Trichlorobenzene	50		"	50.0		100	81-140				
1,2,3-Trichloropropane	46		"	50.0		92.8	81-126				
1,2,4-Trichlorobenzene	50		"	50.0		99.1	80-141				
1,2,4-Trimethylbenzene	46		"	50.0		92.6	84-125				
1,2-Dibromo-3-chloropropane	46		"	50.0		91.9	74-142				
1,2-Dibromoethane	55		"	50.0		111	86-123				
1,2-Dichlorobenzene	49		"	50.0		98.9	85-122				
1,2-Dichloroethane	61		"	50.0		122	71-133				
1,2-Dichloropropane	42		"	50.0		83.6	81-122				
1,3,5-Trimethylbenzene	46		"	50.0		93.0	82-126				
1,3-Dichlorobenzene	51		"	50.0		102	84-124				
1,4-Dichlorobenzene	52		"	50.0		103	84-124				
1,4-Dioxane	820		"	1000		82.3	10-228				
2-Butanone	57		"	50.0		114	58-147				
2-Hexanone	46		"	50.0		91.1	70-139				
4-Methyl-2-pentanone	49		"	50.0		97.8	72-132				
Acetone	50		"	50.0		99.8	36-155				
Acrolein	53		"	50.0		106	10-238				
Acrylonitrile	61		"	50.0		123	66-141				
Benzene	68		"	50.0		136	77-127	High Bias			
Bromochloromethane	64		"	50.0		129	74-129				
Bromodichloromethane	49		"	50.0		98.7	81-124				
Bromoform	56		"	50.0		111	80-136				
Bromomethane	46		"	50.0		92.1	32-177				
Carbon disulfide	54		"	50.0		108	10-136				
Carbon tetrachloride	66		"	50.0		133	66-143				
Chlorobenzene	55		"	50.0		109	86-120				
Chloroethane	50		"	50.0		101	51-142				
Chloroform	67		"	50.0		134	76-131	High Bias			
Chloromethane	63		"	50.0		127	49-132				
cis-1,2-Dichloroethylene	69		"	50.0		138	74-132	High Bias			
cis-1,3-Dichloropropylene	50		"	50.0		100	81-129				
Cyclohexane	62		"	50.0		125	70-130				
Dibromochloromethane	55		"	50.0		109	10-200				
Dibromomethane	52		"	50.0		104	83-124				
Dichlorodifluoromethane	70		"	50.0		140	28-158				
Ethyl Benzene	50		"	50.0		100	84-125				
Hexachlorobutadiene	50		"	50.0		100	83-133				
Isopropylbenzene	49		"	50.0		97.9	81-127				
Methyl acetate	52		"	50.0		104	41-143				
Methyl tert-butyl ether (MTBE)	61		"	50.0		123	74-131				
Methylcyclohexane	51		"	50.0		101	70-130				
Methylene chloride	58		"	50.0		116	57-141				
n-Butylbenzene	44		"	50.0		87.5	80-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB70700 - EPA 5035A											
LCS (BB70700-BS1)						Prepared & Analyzed: 02/14/2017					
n-Propylbenzene	46		ug/L	50.0		92.5	74-136				
o-Xylene	50		"	50.0		101	83-123				
p- & m- Xylenes	99		"	100		99.3	82-128				
p-Isopropyltoluene	47		"	50.0		93.6	85-125				
sec-Butylbenzene	49		"	50.0		98.1	83-125				
Styrene	51		"	50.0		102	86-126				
tert-Butyl alcohol (TBA)	50		"	50.0		100	70-130				
tert-Butylbenzene	51		"	50.0		101	80-127				
Tetrachloroethylene	58		"	50.0		116	80-129				
Toluene	53		"	50.0		105	85-121				
trans-1,2-Dichloroethylene	62		"	50.0		124	72-132				
trans-1,3-Dichloropropylene	49		"	50.0		97.7	78-132				
Trichloroethylene	52		"	50.0		104	84-123				
Trichlorofluoromethane	53		"	50.0		107	62-140				
Vinyl Chloride	56		"	50.0		112	52-130				
Surrogate: 1,2-Dichloroethane-d4	45.2		"	50.0		90.3	77-125				
Surrogate: Toluene-d8	42.4		"	50.0		84.9	85-120				
Surrogate: p-Bromofluorobenzene	52.2		"	50.0		104	76-130				
LCS Dup (BB70700-BSD1)						Prepared & Analyzed: 02/14/2017					
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		105	75-129		5.07	30	
1,1,1-Trichloroethane	63		"	50.0		126	71-137		2.36	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		97.8	79-129		0.00	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		98.5	58-146		2.62	30	
1,1,2-Trichloroethane	56		"	50.0		112	83-123		2.59	30	
1,1-Dichloroethane	59		"	50.0		119	75-130		3.62	30	
1,1-Dichloroethylene	52		"	50.0		105	64-137		3.51	30	
1,2,3-Trichlorobenzene	52		"	50.0		104	81-140		3.41	30	
1,2,3-Trichloropropane	50		"	50.0		101	81-126		8.17	30	
1,2,4-Trichlorobenzene	51		"	50.0		101	80-141		1.92	30	
1,2,4-Trimethylbenzene	47		"	50.0		93.4	84-125		0.881	30	
1,2-Dibromo-3-chloropropane	48		"	50.0		95.2	74-142		3.53	30	
1,2-Dibromoethane	58		"	50.0		117	86-123		5.15	30	
1,2-Dichlorobenzene	50		"	50.0		99.9	85-122		1.05	30	
1,2-Dichloroethane	59		"	50.0		117	71-133		3.87	30	
1,2-Dichloropropane	50		"	50.0		101	81-122		18.6	30	
1,3,5-Trimethylbenzene	47		"	50.0		94.2	82-126		1.33	30	
1,3-Dichlorobenzene	51		"	50.0		102	84-124		0.333	30	
1,4-Dichlorobenzene	52		"	50.0		103	84-124		0.271	30	
1,4-Dioxane	870		"	1000		87.3	10-228		5.80	30	
2-Butanone	56		"	50.0		113	58-147		1.17	30	
2-Hexanone	46		"	50.0		91.7	70-139		0.722	30	
4-Methyl-2-pentanone	50		"	50.0		101	72-132		3.22	30	
Acetone	46		"	50.0		91.4	36-155		8.85	30	
Acrolein	51		"	50.0		102	10-238		3.57	30	
Acrylonitrile	57		"	50.0		114	66-141		7.80	30	
Benzene	65		"	50.0		129	77-127	High Bias	5.35	30	
Bromochloromethane	61		"	50.0		123	74-129		4.76	30	
Bromodichloromethane	51		"	50.0		102	81-124		3.17	30	
Bromoform	59		"	50.0		118	80-136		5.54	30	
Bromomethane	44		"	50.0		88.3	32-177		4.24	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 BB70700 - EPA 5035A

LCS Dup (BB70700-BSD1)

Prepared & Analyzed: 02/14/2017

Carbon disulfide	53		ug/L	50.0		105	10-136		2.54	30	
Carbon tetrachloride	64		"	50.0		128	66-143		3.83	30	
Chlorobenzene	56		"	50.0		111	86-120		1.78	30	
Chloroethane	48		"	50.0		96.2	51-142		4.91	30	
Chloroform	65		"	50.0		131	76-131		2.12	30	
Chloromethane	58		"	50.0		116	49-132		8.79	30	
cis-1,2-Dichloroethylene	66		"	50.0		133	74-132	High Bias	4.31	30	
cis-1,3-Dichloropropylene	52		"	50.0		103	81-129		2.85	30	
Cyclohexane	60		"	50.0		121	70-130		3.19	30	
Dibromochloromethane	58		"	50.0		116	10-200		6.42	30	
Dibromomethane	56		"	50.0		111	83-124		6.37	30	
Dichlorodifluoromethane	67		"	50.0		134	28-158		4.98	30	
Ethyl Benzene	51		"	50.0		102	84-125		1.48	30	
Hexachlorobutadiene	51		"	50.0		101	83-133		1.13	30	
Isopropylbenzene	50		"	50.0		99.3	81-127		1.42	30	
Methyl acetate	49		"	50.0		97.9	41-143		5.99	30	
Methyl tert-butyl ether (MTBE)	59		"	50.0		119	74-131		3.21	30	
Methylcyclohexane	52		"	50.0		104	70-130		2.36	30	
Methylene chloride	55		"	50.0		110	57-141		5.01	30	
n-Butylbenzene	44		"	50.0		87.5	80-130		0.0229	30	
n-Propylbenzene	46		"	50.0		92.9	74-136		0.431	30	
o-Xylene	52		"	50.0		104	83-123		2.66	30	
p- & m- Xylenes	99		"	100		99.3	82-128		0.0302	30	
p-Isopropyltoluene	48		"	50.0		96.8	85-125		3.42	30	
sec-Butylbenzene	49		"	50.0		97.7	83-125		0.388	30	
Styrene	52		"	50.0		105	86-126		2.09	30	
tert-Butyl alcohol (TBA)	53		"	50.0		107	70-130		6.00	30	
tert-Butylbenzene	50		"	50.0		101	80-127		0.693	30	
Tetrachloroethylene	59		"	50.0		119	80-129		2.14	30	
Toluene	53		"	50.0		107	85-121		1.15	30	
trans-1,2-Dichloroethylene	59		"	50.0		119	72-132		4.37	30	
trans-1,3-Dichloropropylene	50		"	50.0		100	78-132		2.57	30	
Trichloroethylene	54		"	50.0		107	84-123		3.18	30	
Trichlorofluoromethane	49		"	50.0		98.0	62-140		8.60	30	
Vinyl Chloride	54		"	50.0		108	52-130		3.97	30	
Surrogate: 1,2-Dichloroethane-d4	46.1		"	50.0		92.3	77-125				
Surrogate: Toluene-d8	43.8		"	50.0		87.7	85-120				
Surrogate: p-Bromofluorobenzene	54.3		"	50.0		109	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BB70727 - EPA 5035A

Blank (BB70727-BLK1)

Prepared & Analyzed: 02/15/2017

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet
1,1,1-Trichloroethane	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,1-Dichloroethylene	ND	5.0	"
1,2,3-Trichlorobenzene	ND	5.0	"
1,2,3-Trichloropropane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
1,4-Dioxane	ND	100	"
2-Butanone	ND	5.0	"
2-Hexanone	ND	5.0	"
4-Methyl-2-pentanone	ND	5.0	"
Acetone	5.7	10	"
Acrolein	ND	10	"
Acrylonitrile	ND	5.0	"
Benzene	ND	5.0	"
Bromochloromethane	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	"
Cyclohexane	ND	5.0	"
Dibromochloromethane	ND	5.0	"
Dibromomethane	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
Ethyl Benzene	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl acetate	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylcyclohexane	ND	5.0	"
Methylene chloride	ND	10	"
n-Butylbenzene	ND	5.0	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BB70727 - EPA 5035A

Blank (BB70727-BLK1)

Prepared & Analyzed: 02/15/2017

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	46.0	ug/L	50.0	92.0	77-125
Surrogate: Toluene-d8	44.0	"	50.0	88.1	85-120
Surrogate: p-Bromofluorobenzene	51.7	"	50.0	103	76-130

LCS (BB70727-BS1)

Prepared & Analyzed: 02/15/2017

1,1,1,2-Tetrachloroethane	49	ug/L	50.0	98.7	75-129
1,1,1-Trichloroethane	63	"	50.0	126	71-137
1,1,2,2-Tetrachloroethane	45	"	50.0	90.8	79-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47	"	50.0	94.3	58-146
1,1,2-Trichloroethane	52	"	50.0	103	83-123
1,1-Dichloroethane	60	"	50.0	121	75-130
1,1-Dichloroethylene	50	"	50.0	100	64-137
1,2,3-Trichlorobenzene	51	"	50.0	102	81-140
1,2,3-Trichloropropane	44	"	50.0	88.9	81-126
1,2,4-Trichlorobenzene	50	"	50.0	99.7	80-141
1,2,4-Trimethylbenzene	44	"	50.0	88.2	84-125
1,2-Dibromo-3-chloropropane	45	"	50.0	89.9	74-142
1,2-Dibromoethane	54	"	50.0	109	86-123
1,2-Dichlorobenzene	48	"	50.0	96.4	85-122
1,2-Dichloroethane	56	"	50.0	112	71-133
1,2-Dichloropropane	47	"	50.0	93.3	81-122
1,3,5-Trimethylbenzene	45	"	50.0	89.5	82-126
1,3-Dichlorobenzene	49	"	50.0	98.0	84-124
1,4-Dichlorobenzene	51	"	50.0	102	84-124
1,4-Dioxane	780	"	1000	77.7	10-228
2-Butanone	55	"	50.0	110	58-147
2-Hexanone	43	"	50.0	85.5	70-139
4-Methyl-2-pentanone	46	"	50.0	92.2	72-132
Acetone	50	"	50.0	100	36-155
Acrolein	46	"	50.0	91.9	10-238
Acrylonitrile	55	"	50.0	111	66-141
Benzene	65	"	50.0	130	77-127
Bromochloromethane	60	"	50.0	120	74-129
Bromodichloromethane	48	"	50.0	95.0	81-124
Bromoform	54	"	50.0	108	80-136

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 BB70727 - EPA 5035A

LCS (BB70727-BS1)

Prepared & Analyzed: 02/15/2017

Bromomethane	43		ug/L	50.0		85.9	32-177				
Carbon disulfide	50		"	50.0		99.8	10-136				
Carbon tetrachloride	64		"	50.0		128	66-143				
Chlorobenzene	53		"	50.0		106	86-120				
Chloroethane	46		"	50.0		92.5	51-142				
Chloroform	64		"	50.0		129	76-131				
Chloromethane	59		"	50.0		117	49-132				
cis-1,2-Dichloroethylene	67		"	50.0		134	74-132	High Bias			
cis-1,3-Dichloropropylene	50		"	50.0		99.2	81-129				
Cyclohexane	59		"	50.0		118	70-130				
Dibromochloromethane	53		"	50.0		106	10-200				
Dibromomethane	53		"	50.0		106	83-124				
Dichlorodifluoromethane	67		"	50.0		135	28-158				
Ethyl Benzene	49		"	50.0		97.2	84-125				
Hexachlorobutadiene	50		"	50.0		99.0	83-133				
Isopropylbenzene	48		"	50.0		95.4	81-127				
Methyl acetate	46		"	50.0		92.1	41-143				
Methyl tert-butyl ether (MTBE)	59		"	50.0		118	74-131				
Methylcyclohexane	49		"	50.0		98.2	70-130				
Methylene chloride	49		"	50.0		98.2	57-141				
n-Butylbenzene	43		"	50.0		85.6	80-130				
n-Propylbenzene	45		"	50.0		89.6	74-136				
o-Xylene	49		"	50.0		98.9	83-123				
p- & m- Xylenes	95		"	100		94.6	82-128				
p-Isopropyltoluene	46		"	50.0		92.6	85-125				
sec-Butylbenzene	47		"	50.0		93.8	83-125				
Styrene	50		"	50.0		99.0	86-126				
tert-Butyl alcohol (TBA)	49		"	50.0		97.5	70-130				
tert-Butylbenzene	48		"	50.0		95.0	80-127				
Tetrachloroethylene	57		"	50.0		114	80-129				
Toluene	51		"	50.0		101	85-121				
trans-1,2-Dichloroethylene	59		"	50.0		118	72-132				
trans-1,3-Dichloropropylene	47		"	50.0		94.0	78-132				
Trichloroethylene	52		"	50.0		104	84-123				
Trichlorofluoromethane	48		"	50.0		96.9	62-140				
Vinyl Chloride	53		"	50.0		105	52-130				
Surrogate: 1,2-Dichloroethane-d4	46.1		"	50.0		92.2	77-125				
Surrogate: Toluene-d8	43.5		"	50.0		87.0	85-120				
Surrogate: p-Bromofluorobenzene	52.5		"	50.0		105	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB70727 - EPA 5035A											
LCS Dup (BB70727-BSD1)						Prepared & Analyzed: 02/15/2017					
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		103	75-129		3.83	30	
1,1,1-Trichloroethane	66		"	50.0		133	71-137		4.74	30	
1,1,2,2-Tetrachloroethane	48		"	50.0		95.4	79-129		4.96	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		100	58-146		6.30	30	
1,1,2-Trichloroethane	53		"	50.0		106	83-123		3.00	30	
1,1-Dichloroethane	63		"	50.0		126	75-130		4.33	30	
1,1-Dichloroethylene	55		"	50.0		109	64-137		8.35	30	
1,2,3-Trichlorobenzene	55		"	50.0		110	81-140		8.01	30	
1,2,3-Trichloropropane	46		"	50.0		92.7	81-126		4.21	30	
1,2,4-Trichlorobenzene	53		"	50.0		106	80-141		6.43	30	
1,2,4-Trimethylbenzene	46		"	50.0		92.8	84-125		5.09	30	
1,2-Dibromo-3-chloropropane	48		"	50.0		95.9	74-142		6.46	30	
1,2-Dibromoethane	58		"	50.0		116	86-123		6.09	30	
1,2-Dichlorobenzene	51		"	50.0		102	85-122		5.33	30	
1,2-Dichloroethane	62		"	50.0		123	71-133		9.75	30	
1,2-Dichloropropane	50		"	50.0		99.1	81-122		6.09	30	
1,3,5-Trimethylbenzene	47		"	50.0		94.4	82-126		5.37	30	
1,3-Dichlorobenzene	52		"	50.0		104	84-124		6.04	30	
1,4-Dichlorobenzene	53		"	50.0		105	84-124		3.39	30	
1,4-Dioxane	840		"	1000		84.1	10-228		7.91	30	
2-Butanone	61		"	50.0		122	58-147		9.56	30	
2-Hexanone	44		"	50.0		88.0	70-139		2.90	30	
4-Methyl-2-pentanone	48		"	50.0		95.1	72-132		3.12	30	
Acetone	53		"	50.0		105	36-155		4.70	30	
Acrolein	54		"	50.0		108	10-238		15.9	30	
Acrylonitrile	60		"	50.0		120	66-141		8.46	30	
Benzene	70		"	50.0		139	77-127	High Bias	6.77	30	
Bromochloromethane	63		"	50.0		127	74-129		5.11	30	
Bromodichloromethane	49		"	50.0		98.3	81-124		3.39	30	
Bromoform	57		"	50.0		115	80-136		6.37	30	
Bromomethane	46		"	50.0		92.1	32-177		6.88	30	
Carbon disulfide	55		"	50.0		110	10-136		9.45	30	
Carbon tetrachloride	69		"	50.0		138	66-143		7.43	30	
Chlorobenzene	55		"	50.0		110	86-120		3.50	30	
Chloroethane	51		"	50.0		102	51-142		9.73	30	
Chloroform	69		"	50.0		138	76-131	High Bias	6.59	30	
Chloromethane	64		"	50.0		127	49-132		8.17	30	
cis-1,2-Dichloroethylene	69		"	50.0		139	74-132	High Bias	3.34	30	
cis-1,3-Dichloropropylene	50		"	50.0		100	81-129		1.00	30	
Cyclohexane	63		"	50.0		125	70-130		6.28	30	
Dibromochloromethane	57		"	50.0		114	10-200		6.72	30	
Dibromomethane	54		"	50.0		109	83-124		2.93	30	
Dichlorodifluoromethane	72		"	50.0		145	28-158		7.05	30	
Ethyl Benzene	51		"	50.0		101	84-125		4.07	30	
Hexachlorobutadiene	51		"	50.0		102	83-133		2.75	30	
Isopropylbenzene	50		"	50.0		99.6	81-127		4.27	30	
Methyl acetate	51		"	50.0		103	41-143		10.8	30	
Methyl tert-butyl ether (MTBE)	63		"	50.0		126	74-131		6.18	30	
Methylcyclohexane	52		"	50.0		103	70-130		4.79	30	
Methylene chloride	57		"	50.0		115	57-141		15.6	30	
n-Butylbenzene	45		"	50.0		89.2	80-130		4.07	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 BB70727 - EPA 5035A

LCS Dup (BB70727-BSD1)

Prepared & Analyzed: 02/15/2017

n-Propylbenzene	47		ug/L	50.0		94.1	74-136		4.94	30	
o-Xylene	52		"	50.0		103	83-123		4.39	30	
p- & m- Xylenes	99		"	100		99.5	82-128		4.99	30	
p-Isopropyltoluene	49		"	50.0		98.2	85-125		5.87	30	
sec-Butylbenzene	49		"	50.0		98.3	83-125		4.73	30	
Styrene	52		"	50.0		104	86-126		4.42	30	
tert-Butyl alcohol (TBA)	56		"	50.0		112	70-130		13.9	30	
tert-Butylbenzene	50		"	50.0		99.8	80-127		4.91	30	
Tetrachloroethylene	59		"	50.0		118	80-129		3.17	30	
Toluene	53		"	50.0		105	85-121		3.70	30	
trans-1,2-Dichloroethylene	62		"	50.0		125	72-132		5.76	30	
trans-1,3-Dichloropropylene	49		"	50.0		97.5	78-132		3.66	30	
Trichloroethylene	53		"	50.0		106	84-123		1.60	30	
Trichlorofluoromethane	53		"	50.0		107	62-140		9.91	30	
Vinyl Chloride	56		"	50.0		113	52-130		6.96	30	
Surrogate: 1,2-Dichloroethane-d4	47.0		"	50.0		94.1	77-125				
Surrogate: Toluene-d8	42.7		"	50.0		85.4	85-120				
Surrogate: p-Bromofluorobenzene	53.2		"	50.0		106	76-130				



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 BB70734 - EPA 3550C											
Blank (BB70734-BLK1)								Prepared & Analyzed: 02/15/2017			
1,2,4-Trichlorobenzene	ND	41.7	ug/kg wet								
1,2-Dichlorobenzene	ND	41.7	"								
1,3-Dichlorobenzene	ND	41.7	"								
1,4-Dichlorobenzene	ND	41.7	"								
2,4-Dinitrotoluene	ND	41.7	"								
2,6-Dinitrotoluene	ND	41.7	"								
2-Chloronaphthalene	ND	41.7	"								
2-Methylnaphthalene	ND	41.7	"								
3,3-Dichlorobenzidine	ND	41.7	"								
3-Nitroaniline	ND	83.3	"								
4-Bromophenyl phenyl ether	ND	41.7	"								
4-Chloroaniline	ND	41.7	"								
4-Chlorophenyl phenyl ether	ND	41.7	"								
4-Nitroaniline	ND	83.3	"								
Acenaphthene	ND	41.7	"								
Acenaphthylene	ND	41.7	"								
Aniline	ND	167	"								
Anthracene	ND	41.7	"								
Benzo(a)anthracene	ND	41.7	"								
Benzo(a)pyrene	ND	41.7	"								
Benzo(b)fluoranthene	ND	41.7	"								
Benzo(g,h,i)perylene	ND	41.7	"								
Benzo(k)fluoranthene	ND	41.7	"								
Benzyl butyl phthalate	ND	41.7	"								
Bis(2-chloroethoxy)methane	ND	41.7	"								
Bis(2-chloroethyl)ether	ND	41.7	"								
Bis(2-chloroisopropyl)ether	ND	41.7	"								
Bis(2-ethylhexyl)phthalate	22.3	41.7	"								
Carbazole	ND	41.7	"								
Chrysene	ND	41.7	"								
Dibenzo(a,h)anthracene	ND	41.7	"								
Dibenzofuran	ND	41.7	"								
Diethyl phthalate	ND	41.7	"								
Dimethyl phthalate	ND	41.7	"								
Di-n-butyl phthalate	ND	41.7	"								
Di-n-octyl phthalate	ND	41.7	"								
Fluoranthene	ND	41.7	"								
Fluorene	ND	41.7	"								
Hexachlorobenzene	ND	41.7	"								
Hexachlorobutadiene	ND	41.7	"								
Hexachlorocyclopentadiene	ND	41.7	"								
Hexachloroethane	ND	41.7	"								
Indeno(1,2,3-cd)pyrene	ND	41.7	"								
Isophorone	ND	41.7	"								
Naphthalene	ND	41.7	"								
Nitrobenzene	ND	41.7	"								
N-Nitrosodimethylamine	ND	41.7	"								
N-nitroso-di-n-propylamine	ND	41.7	"								
N-Nitrosodiphenylamine	ND	41.7	"								
Phenanthrene	ND	41.7	"								
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 BB70734 - EPA 3550C											
Blank (BB70734-BLK1)						Prepared & Analyzed: 02/15/2017					
Pyridine	ND	167	ug/kg wet								
Surrogate: Nitrobenzene-d5	929		"	1740		53.4	22-108				
Surrogate: 2-Fluorobiphenyl	1020		"	1780		57.2	21-113				
Surrogate: Terphenyl-d14	796		"	1740		45.8	24-116				
LCS (BB70734-BS1)						Prepared & Analyzed: 02/15/2017					
1,2,4-Trichlorobenzene	1010	41.7	ug/kg wet	1670		60.6	23-130				
1,2-Dichlorobenzene	1040	41.7	"	1670		62.3	26-113				
1,3-Dichlorobenzene	1020	41.7	"	1670		61.1	32-113				
1,4-Dichlorobenzene	1010	41.7	"	1670		60.6	28-111				
2,4-Dinitrotoluene	939	41.7	"	1670		56.3	30-123				
2,6-Dinitrotoluene	1020	41.7	"	1670		61.2	30-125				
2-Chloronaphthalene	1110	41.7	"	1670		66.7	22-115				
2-Methylnaphthalene	1160	41.7	"	1670		69.6	16-127				
3,3-Dichlorobenzidine	1220	41.7	"	1670		73.3	10-147				
3-Nitroaniline	1980	83.3	"	1670		119	23-123				
4-Bromophenyl phenyl ether	1170	41.7	"	1670		70.3	30-138				
4-Chloroaniline	ND	41.7	"	1670			10-117	Low Bias			
4-Chlorophenyl phenyl ether	1280	41.7	"	1670		76.9	18-132				
4-Nitroaniline	ND	83.3	"	1670			14-125	Low Bias			
Acenaphthene	1110	41.7	"	1670		66.3	17-124				
Acenaphthylene	1110	41.7	"	1670		66.3	16-124				
Aniline	1740	167	"	1670		104	10-111				
Anthracene	1130	41.7	"	1670		67.8	24-124				
Benzo(a)anthracene	976	41.7	"	1670		58.5	25-134				
Benzo(a)pyrene	916	41.7	"	1670		55.0	29-144				
Benzo(b)fluoranthene	933	41.7	"	1670		56.0	20-151				
Benzo(g,h,i)perylene	1250	41.7	"	1670		75.2	10-153				
Benzo(k)fluoranthene	950	41.7	"	1670		57.0	10-148				
Benzyl butyl phthalate	870	41.7	"	1670		52.2	10-132				
Bis(2-chloroethoxy)methane	1000	41.7	"	1670		60.0	10-129				
Bis(2-chloroethyl)ether	845	41.7	"	1670		50.7	14-125				
Bis(2-chloroisopropyl)ether	1210	41.7	"	1670		72.7	14-122				
Bis(2-ethylhexyl)phthalate	1000	41.7	"	1670		60.2	10-141				
Carbazole	1770	41.7	"	1670		106	31-120				
Chrysene	944	41.7	"	1670		56.7	24-116				
Dibenzo(a,h)anthracene	1300	41.7	"	1670		77.8	17-147				
Dibenzofuran	1210	41.7	"	1670		72.9	23-123				
Diethyl phthalate	1190	41.7	"	1670		71.2	23-122				
Dimethyl phthalate	1140	41.7	"	1670		68.2	28-127				
Di-n-butyl phthalate	1090	41.7	"	1670		65.5	19-123				
Di-n-octyl phthalate	931	41.7	"	1670		55.9	10-132				
Fluoranthene	1150	41.7	"	1670		68.8	36-125				
Fluorene	1190	41.7	"	1670		71.5	16-130				
Hexachlorobenzene	1120	41.7	"	1670		67.4	10-129				
Hexachlorobutadiene	1220	41.7	"	1670		73.1	22-153				
Hexachlorocyclopentadiene	1580	41.7	"	1670		95.0	10-134				
Hexachloroethane	1070	41.7	"	1670		64.2	20-112				
Indeno(1,2,3-cd)pyrene	1260	41.7	"	1670		75.5	10-155				
Isophorone	1020	41.7	"	1670		61.5	14-131				
Naphthalene	1090	41.7	"	1670		65.3	20-121				



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 BB70734 - EPA 3550C											
LCS (BB70734-BS1)						Prepared & Analyzed: 02/15/2017					
Nitrobenzene	1020	41.7	ug/kg wet	1670		61.4	20-121				
N-Nitrosodimethylamine	835	41.7	"	1670		50.1	10-124				
N-nitroso-di-n-propylamine	1090	41.7	"	1670		65.4	21-119				
N-Nitrosodiphenylamine	1530	41.7	"	1670		92.0	10-163				
Phenanthrene	1160	41.7	"	1670		69.9	24-123				
Pyrene	960	41.7	"	1670		57.6	24-132				
Pyridine	602	167	"	1670		36.1	10-92				
Surrogate: Nitrobenzene-d5	1010		"	1740		58.1	22-108				
Surrogate: 2-Fluorobiphenyl	1070		"	1780		60.4	21-113				
Surrogate: Terphenyl-d14	762		"	1740		43.8	24-116				
LCS Dup (BB70734-BS1)						Prepared & Analyzed: 02/15/2017					
1,2,4-Trichlorobenzene	964	41.7	ug/kg wet	1670		57.8	23-130		4.73	30	
1,2-Dichlorobenzene	1000	41.7	"	1670		60.2	26-113		3.53	30	
1,3-Dichlorobenzene	980	41.7	"	1670		58.8	32-113		3.77	30	
1,4-Dichlorobenzene	954	41.7	"	1670		57.3	28-111		5.63	30	
2,4-Dinitrotoluene	945	41.7	"	1670		56.7	30-123		0.708	30	
2,6-Dinitrotoluene	991	41.7	"	1670		59.4	30-125		2.89	30	
2-Chloronaphthalene	1080	41.7	"	1670		64.5	22-115		3.35	30	
2-Methylnaphthalene	1130	41.7	"	1670		67.6	16-127		2.89	30	
3,3-Dichlorobenzidine	1140	41.7	"	1670		68.3	10-147		7.09	30	
3-Nitroaniline	1900	83.3	"	1670		114	23-123		4.22	30	
4-Bromophenyl phenyl ether	1070	41.7	"	1670		64.1	30-138		9.23	30	
4-Chloroaniline	1320	41.7	"	1670		79.4	10-117		200	30	Non-dir.
4-Chlorophenyl phenyl ether	1200	41.7	"	1670		72.0	18-132		6.59	30	
4-Nitroaniline	ND	83.3	"	1670			14-125	Low Bias		30	
Acenaphthene	1030	41.7	"	1670		61.8	17-124		7.15	30	
Acenaphthylene	1050	41.7	"	1670		62.8	16-124		5.45	30	
Aniline	1650	167	"	1670		98.8	10-111		5.61	30	
Anthracene	1050	41.7	"	1670		62.8	24-124		7.57	30	
Benzo(a)anthracene	909	41.7	"	1670		54.5	25-134		7.07	30	
Benzo(a)pyrene	880	41.7	"	1670		52.8	29-144		4.01	30	
Benzo(b)fluoranthene	904	41.7	"	1670		54.2	20-151		3.19	30	
Benzo(g,h,i)perylene	1170	41.7	"	1670		69.9	10-153		7.22	30	
Benzo(k)fluoranthene	898	41.7	"	1670		53.9	10-148		5.70	30	
Benzyl butyl phthalate	819	41.7	"	1670		49.1	10-132		6.04	30	
Bis(2-chloroethoxy)methane	951	41.7	"	1670		57.1	10-129		5.02	30	
Bis(2-chloroethyl)ether	844	41.7	"	1670		50.6	14-125		0.0790	30	
Bis(2-chloroisopropyl)ether	1170	41.7	"	1670		70.0	14-122		3.76	30	
Bis(2-ethylhexyl)phthalate	975	41.7	"	1670		58.5	10-141		2.90	30	
Carbazole	1680	41.7	"	1670		101	31-120		5.64	30	
Chrysene	892	41.7	"	1670		53.5	24-116		5.70	30	
Dibenzo(a,h)anthracene	1210	41.7	"	1670		72.6	17-147		6.91	30	
Dibenzofuran	1130	41.7	"	1670		67.9	23-123		7.07	30	
Diethyl phthalate	1130	41.7	"	1670		67.7	23-122		5.04	30	
Dimethyl phthalate	1070	41.7	"	1670		64.1	28-127		6.14	30	
Di-n-butyl phthalate	1040	41.7	"	1670		62.3	19-123		5.01	30	
Di-n-octyl phthalate	894	41.7	"	1670		53.6	10-132		4.13	30	
Fluoranthene	1100	41.7	"	1670		65.9	36-125		4.28	30	
Fluorene	1120	41.7	"	1670		67.0	16-130		6.52	30	
Hexachlorobenzene	1010	41.7	"	1670		60.8	10-129		10.3	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 BB70734 - EPA 3550C

LCS Dup (BB70734-BSD1)

Prepared & Analyzed: 02/15/2017

Hexachlorobutadiene	1160	41.7	ug/kg wet	1670		69.6	22-153		4.88	30	
Hexachlorocyclopentadiene	1460	41.7	"	1670		87.6	10-134		8.10	30	
Hexachloroethane	1010	41.7	"	1670		60.7	20-112		5.61	30	
Indeno(1,2,3-cd)pyrene	1180	41.7	"	1670		71.0	10-155		6.09	30	
Isophorone	957	41.7	"	1670		57.4	14-131		6.86	30	
Naphthalene	1030	41.7	"	1670		61.8	20-121		5.60	30	
Nitrobenzene	969	41.7	"	1670		58.2	20-121		5.39	30	
N-Nitrosodimethylamine	720	41.7	"	1670		43.2	10-124		14.8	30	
N-nitroso-di-n-propylamine	1030	41.7	"	1670		61.5	21-119		6.05	30	
N-Nitrosodiphenylamine	1420	41.7	"	1670		85.4	10-163		7.44	30	
Phenanthrene	1090	41.7	"	1670		65.2	24-123		6.90	30	
Pyrene	894	41.7	"	1670		53.7	24-132		7.08	30	
Pyridine	617	167	"	1670		37.0	10-92		2.46	30	
Surrogate: Nitrobenzene-d5	999		"	1740		57.4	22-108				
Surrogate: 2-Fluorobiphenyl	1020		"	1780		57.5	21-113				
Surrogate: Terphenyl-d14	711		"	1740		40.8	24-116				

Batch BB70735 - EPA 3550C

Blank (BB70735-BLK1)

Prepared & Analyzed: 02/15/2017

1,2,4-Trichlorobenzene	ND	41.7	ug/kg wet								
1,2-Dichlorobenzene	ND	41.7	"								
1,3-Dichlorobenzene	ND	41.7	"								
1,4-Dichlorobenzene	ND	41.7	"								
2,4-Dinitrotoluene	ND	41.7	"								
2,6-Dinitrotoluene	ND	41.7	"								
2-Chloronaphthalene	ND	41.7	"								
2-Methylnaphthalene	ND	41.7	"								
3,3-Dichlorobenzidine	ND	41.7	"								
3-Nitroaniline	ND	83.3	"								
4-Bromophenyl phenyl ether	ND	41.7	"								
4-Chloroaniline	ND	41.7	"								
4-Chlorophenyl phenyl ether	ND	41.7	"								
4-Nitroaniline	ND	83.3	"								
Acenaphthene	ND	41.7	"								
Acenaphthylene	ND	41.7	"								
Aniline	ND	167	"								
Anthracene	ND	41.7	"								
Benzo(a)anthracene	ND	41.7	"								
Benzo(a)pyrene	ND	41.7	"								
Benzo(b)fluoranthene	ND	41.7	"								
Benzo(g,h,i)perylene	ND	41.7	"								
Benzo(k)fluoranthene	ND	41.7	"								
Benzyl butyl phthalate	ND	41.7	"								
Bis(2-chloroethoxy)methane	ND	41.7	"								
Bis(2-chloroethyl)ether	ND	41.7	"								
Bis(2-chloroisopropyl)ether	ND	41.7	"								
Bis(2-ethylhexyl)phthalate	ND	41.7	"								
Carbazole	ND	41.7	"								
Chrysene	ND	41.7	"								
Dibenzo(a,h)anthracene	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 BB70735 - EPA 3550C

Blank (BB70735-BLK1)

Prepared & Analyzed: 02/15/2017

Dibenzofuran	ND	41.7	ug/kg wet							
Diethyl phthalate	ND	41.7	"							
Dimethyl phthalate	ND	41.7	"							
Di-n-butyl phthalate	ND	41.7	"							
Di-n-octyl phthalate	ND	41.7	"							
Fluoranthene	ND	41.7	"							
Fluorene	ND	41.7	"							
Hexachlorobenzene	ND	41.7	"							
Hexachlorobutadiene	ND	41.7	"							
Hexachlorocyclopentadiene	ND	41.7	"							
Hexachloroethane	ND	41.7	"							
Indeno(1,2,3-cd)pyrene	ND	41.7	"							
Isophorone	ND	41.7	"							
Naphthalene	ND	41.7	"							
Nitrobenzene	ND	41.7	"							
N-Nitrosodimethylamine	ND	41.7	"							
N-nitroso-di-n-propylamine	ND	41.7	"							
N-Nitrosodiphenylamine	ND	41.7	"							
Phenanthrene	ND	41.7	"							
Pyrene	ND	41.7	"							
Pyridine	ND	167	"							

Surrogate: Nitrobenzene-d5	1210		"	1740		69.8	22-108			
Surrogate: 2-Fluorobiphenyl	1260		"	1780		71.0	21-113			
Surrogate: Terphenyl-d14	890		"	1740		51.2	24-116			

LCS (BB70735-BS1)

Prepared & Analyzed: 02/15/2017

1,2,4-Trichlorobenzene	916	41.7	ug/kg wet	1670		55.0	23-130			
1,2-Dichlorobenzene	961	41.7	"	1670		57.7	26-113			
1,3-Dichlorobenzene	1010	41.7	"	1670		60.8	32-113			
1,4-Dichlorobenzene	980	41.7	"	1670		58.8	28-111			
2,4-Dinitrotoluene	1080	41.7	"	1670		65.0	30-123			
2,6-Dinitrotoluene	1090	41.7	"	1670		65.2	30-125			
2-Chloronaphthalene	1070	41.7	"	1670		64.1	22-115			
2-Methylnaphthalene	980	41.7	"	1670		58.8	16-127			
3,3-Dichlorobenzidine	1020	41.7	"	1670		61.2	10-147			
3-Nitroaniline	997	83.3	"	1670		59.8	23-123			
4-Bromophenyl phenyl ether	929	41.7	"	1670		55.8	30-138			
4-Chloroaniline	654	41.7	"	1670		39.2	10-117			
4-Chlorophenyl phenyl ether	991	41.7	"	1670		59.5	18-132			
4-Nitroaniline	ND	83.3	"	1670			14-125	Low Bias		
Acenaphthene	1020	41.7	"	1670		60.9	17-124			
Acenaphthylene	978	41.7	"	1670		58.7	16-124			
Aniline	896	167	"	1670		53.8	10-111			
Anthracene	1040	41.7	"	1670		62.4	24-124			
Benzo(a)anthracene	932	41.7	"	1670		55.9	25-134			
Benzo(a)pyrene	902	41.7	"	1670		54.1	29-144			
Benzo(b)fluoranthene	1080	41.7	"	1670		64.8	20-151			
Benzo(g,h,i)perylene	1220	41.7	"	1670		73.2	10-153			
Benzo(k)fluoranthene	993	41.7	"	1670		59.6	10-148			
Benzyl butyl phthalate	950	41.7	"	1670		57.0	10-132			
Bis(2-chloroethoxy)methane	982	41.7	"	1670		58.9	10-129			



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 BB70735 - EPA 3550C

LCS (BB70735-BS1)

Prepared & Analyzed: 02/15/2017

Bis(2-chloroethyl)ether	998	41.7	ug/kg wet	1670		59.9	14-125				
Bis(2-chloroisopropyl)ether	1020	41.7	"	1670		60.9	14-122				
Bis(2-ethylhexyl)phthalate	1110	41.7	"	1670		66.8	10-141				
Carbazole	ND	41.7	"	1670			31-120	Low Bias			
Chrysene	987	41.7	"	1670		59.2	24-116				
Dibenzo(a,h)anthracene	1260	41.7	"	1670		75.6	17-147				
Dibenzofuran	979	41.7	"	1670		58.8	23-123				
Diethyl phthalate	1030	41.7	"	1670		61.9	23-122				
Dimethyl phthalate	994	41.7	"	1670		59.6	28-127				
Di-n-butyl phthalate	1040	41.7	"	1670		62.6	19-123				
Di-n-octyl phthalate	924	41.7	"	1670		55.4	10-132				
Fluoranthene	1030	41.7	"	1670		61.8	36-125				
Fluorene	1060	41.7	"	1670		63.4	16-130				
Hexachlorobenzene	997	41.7	"	1670		59.8	10-129				
Hexachlorobutadiene	897	41.7	"	1670		53.8	22-153				
Hexachlorocyclopentadiene	27.7	41.7	"	1670		1.66	10-134	Low Bias			
Hexachloroethane	977	41.7	"	1670		58.6	20-112				
Indeno(1,2,3-cd)pyrene	1210	41.7	"	1670		72.8	10-155				
Isophorone	945	41.7	"	1670		56.7	14-131				
Naphthalene	1070	41.7	"	1670		64.0	20-121				
Nitrobenzene	1010	41.7	"	1670		60.5	20-121				
N-Nitrosodimethylamine	845	41.7	"	1670		50.7	10-124				
N-nitroso-di-n-propylamine	974	41.7	"	1670		58.4	21-119				
N-Nitrosodiphenylamine	1100	41.7	"	1670		66.1	10-163				
Phenanthrene	1090	41.7	"	1670		65.4	24-123				
Pyrene	945	41.7	"	1670		56.7	24-132				
Pyridine	744	167	"	1670		44.7	10-92				
Surrogate: Nitrobenzene-d5	1090		"	1740		62.4	22-108				
Surrogate: 2-Fluorobiphenyl	1070		"	1780		60.0	21-113				
Surrogate: Terphenyl-d14	770		"	1740		44.2	24-116				



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 BB70735 - EPA 3550C											
LCS Dup (BB70735-BSD1)						Prepared & Analyzed: 02/15/2017					
1,2,4-Trichlorobenzene	922	41.7	ug/kg wet	1670		55.3	23-130		0.689	30	
1,2-Dichlorobenzene	982	41.7	"	1670		58.9	26-113		2.16	30	
1,3-Dichlorobenzene	1030	41.7	"	1670		61.8	32-113		1.63	30	
1,4-Dichlorobenzene	1010	41.7	"	1670		60.3	28-111		2.62	30	
2,4-Dinitrotoluene	1130	41.7	"	1670		68.1	30-123		4.60	30	
2,6-Dinitrotoluene	1130	41.7	"	1670		68.0	30-125		4.15	30	
2-Chloronaphthalene	1080	41.7	"	1670		65.0	22-115		1.27	30	
2-Methylnaphthalene	997	41.7	"	1670		59.8	16-127		1.75	30	
3,3-Dichlorobenzidine	1070	41.7	"	1670		64.1	10-147		4.60	30	
3-Nitroaniline	1060	83.3	"	1670		63.4	23-123		5.78	30	
4-Bromophenyl phenyl ether	924	41.7	"	1670		55.5	30-138		0.539	30	
4-Chloroaniline	689	41.7	"	1670		41.3	10-117		5.16	30	
4-Chlorophenyl phenyl ether	1020	41.7	"	1670		61.5	18-132		3.34	30	
4-Nitroaniline	ND	83.3	"	1670			14-125	Low Bias		30	
Acenaphthene	1030	41.7	"	1670		61.5	17-124		1.05	30	
Acenaphthylene	988	41.7	"	1670		59.3	16-124		0.984	30	
Aniline	950	167	"	1670		57.0	10-111		5.81	30	
Anthracene	1030	41.7	"	1670		61.7	24-124		1.03	30	
Benzo(a)anthracene	938	41.7	"	1670		56.3	25-134		0.641	30	
Benzo(a)pyrene	931	41.7	"	1670		55.9	29-144		3.16	30	
Benzo(b)fluoranthene	1020	41.7	"	1670		60.9	20-151		6.17	30	
Benzo(g,h,i)perylene	1210	41.7	"	1670		72.3	10-153		1.24	30	
Benzo(k)fluoranthene	991	41.7	"	1670		59.5	10-148		0.134	30	
Benzyl butyl phthalate	958	41.7	"	1670		57.5	10-132		0.769	30	
Bis(2-chloroethoxy)methane	1010	41.7	"	1670		60.5	10-129		2.61	30	
Bis(2-chloroethyl)ether	960	41.7	"	1670		57.6	14-125		3.81	30	
Bis(2-chloroisopropyl)ether	1060	41.7	"	1670		63.5	14-122		4.08	30	
Bis(2-ethylhexyl)phthalate	1050	41.7	"	1670		63.2	10-141		5.48	30	
Carbazole	ND	41.7	"	1670			31-120	Low Bias		30	
Chrysene	1020	41.7	"	1670		61.0	24-116		2.86	30	
Dibenzo(a,h)anthracene	1250	41.7	"	1670		75.1	17-147		0.557	30	
Dibenzofuran	990	41.7	"	1670		59.4	23-123		1.12	30	
Diethyl phthalate	1070	41.7	"	1670		64.0	23-122		3.31	30	
Dimethyl phthalate	1010	41.7	"	1670		60.9	28-127		2.06	30	
Di-n-butyl phthalate	1040	41.7	"	1670		62.3	19-123		0.545	30	
Di-n-octyl phthalate	930	41.7	"	1670		55.8	10-132		0.683	30	
Fluoranthene	1030	41.7	"	1670		61.8	36-125		0.0971	30	
Fluorene	1080	41.7	"	1670		64.9	16-130		2.46	30	
Hexachlorobenzene	1000	41.7	"	1670		60.3	10-129		0.699	30	
Hexachlorobutadiene	917	41.7	"	1670		55.0	22-153		2.20	30	
Hexachlorocyclopentadiene	32.7	41.7	"	1670		1.96	10-134	Low Bias	16.6	30	
Hexachloroethane	978	41.7	"	1670		58.7	20-112		0.171	30	
Indeno(1,2,3-cd)pyrene	1210	41.7	"	1670		72.7	10-155		0.110	30	
Isophorone	965	41.7	"	1670		57.9	14-131		2.16	30	
Naphthalene	1070	41.7	"	1670		64.5	20-121		0.810	30	
Nitrobenzene	1020	41.7	"	1670		61.2	20-121		1.28	30	
N-Nitrosodimethylamine	863	41.7	"	1670		51.8	10-124		2.11	30	
N-nitroso-di-n-propylamine	1000	41.7	"	1670		60.2	21-119		2.97	30	
N-Nitrosodiphenylamine	1090	41.7	"	1670		65.3	10-163		1.22	30	
Phenanthrene	1070	41.7	"	1670		64.4	24-123		1.51	30	
Pyrene	962	41.7	"	1670		57.7	24-132		1.85	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 BB70735 - EPA 3550C

LCS Dup (BB70735-BSD1)

Prepared & Analyzed: 02/15/2017

Pyridine	702	167	ug/kg wet	1670		42.1	10-92		5.85	30	
Surrogate: Nitrobenzene-d5	1050		"	1740		60.3	22-108				
Surrogate: 2-Fluorobiphenyl	1040		"	1780		58.6	21-113				
Surrogate: Terphenyl-d14	763		"	1740		43.9	24-116				



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 BB70668 - EPA 3550C

Blank (BB70668-BLK1)

Prepared & Analyzed: 02/14/2017

4,4'-DDD	ND	0.330	ug/kg wet								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
Aldrin	ND	0.330	"								
alpha-BHC	ND	0.330	"								
alpha-Chlordane	ND	0.330	"								
beta-BHC	ND	0.330	"								
Chlordane, total	ND	6.60	"								
delta-BHC	ND	0.330	"								
Dieldrin	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endrin	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin ketone	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
gamma-Chlordane	ND	0.330	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
Toxaphene	ND	16.7	"								
Surrogate: Decachlorobiphenyl	32.6		"	66.7		49.0	30-150				
Surrogate: Tetrachloro-m-xylene	29.1		"	66.7		43.7	30-150				

LCS (BB70668-BS1)

Prepared & Analyzed: 02/14/2017

4,4'-DDD	21.9	0.330	ug/kg wet	33.3		65.8	40-140				
4,4'-DDE	20.8	0.330	"	33.3		62.4	40-140				
4,4'-DDT	17.5	0.330	"	33.3		52.6	40-140				
Aldrin	22.5	0.330	"	33.3		67.6	40-140				
alpha-BHC	23.4	0.330	"	33.3		70.1	40-140				
alpha-Chlordane	20.6	0.330	"	33.3		61.7	40-140				
beta-BHC	20.3	0.330	"	33.3		60.9	40-140				
delta-BHC	23.1	0.330	"	33.3		69.4	40-140				
Dieldrin	21.8	0.330	"	33.3		65.3	40-140				
Endosulfan I	21.0	0.330	"	33.3		63.0	40-140				
Endosulfan II	20.6	0.330	"	33.3		61.9	40-140				
Endosulfan sulfate	20.3	0.330	"	33.3		60.9	40-140				
Endrin	21.7	0.330	"	33.3		65.2	40-140				
Endrin aldehyde	19.6	0.330	"	33.3		58.8	40-140				
Endrin ketone	22.1	0.330	"	33.3		66.3	40-140				
gamma-BHC (Lindane)	22.1	0.330	"	33.3		66.4	40-140				
gamma-Chlordane	19.9	0.330	"	33.3		59.6	40-140				
Heptachlor	19.2	0.330	"	33.3		57.5	40-140				
Heptachlor epoxide	20.8	0.330	"	33.3		62.4	40-140				
Methoxychlor	17.4	1.65	"	33.3		52.1	40-140				
Surrogate: Decachlorobiphenyl	27.3		"	66.7		41.0	30-150				
Surrogate: Tetrachloro-m-xylene	29.3		"	66.7		44.0	30-150				



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 BB70669 - EPA 3550C

Blank (BB70669-BLK1)

Prepared & Analyzed: 02/14/2017

4,4'-DDD	ND	0.330	ug/kg wet								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
Aldrin	ND	0.330	"								
alpha-BHC	ND	0.330	"								
alpha-Chlordane	ND	0.330	"								
beta-BHC	ND	0.330	"								
Chlordane, total	ND	6.60	"								
delta-BHC	ND	0.330	"								
Dieldrin	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endrin	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin ketone	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
gamma-Chlordane	ND	0.330	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
Toxaphene	ND	16.7	"								
Surrogate: Decachlorobiphenyl	32.5		"	66.7		48.7	30-150				
Surrogate: Tetrachloro-m-xylene	29.6		"	66.7		44.4	30-150				

LCS (BB70669-BS1)

Prepared & Analyzed: 02/14/2017

4,4'-DDD	22.4	0.330	ug/kg wet	33.3		67.3	40-140				
4,4'-DDE	21.7	0.330	"	33.3		65.1	40-140				
4,4'-DDT	17.0	0.330	"	33.3		51.0	40-140				
Aldrin	23.8	0.330	"	33.3		71.5	40-140				
alpha-BHC	24.6	0.330	"	33.3		73.9	40-140				
alpha-Chlordane	21.3	0.330	"	33.3		63.8	40-140				
beta-BHC	21.0	0.330	"	33.3		63.0	40-140				
delta-BHC	23.9	0.330	"	33.3		71.6	40-140				
Dieldrin	22.8	0.330	"	33.3		68.4	40-140				
Endosulfan I	22.1	0.330	"	33.3		66.4	40-140				
Endosulfan II	21.4	0.330	"	33.3		64.2	40-140				
Endosulfan sulfate	20.8	0.330	"	33.3		62.3	40-140				
Endrin	21.2	0.330	"	33.3		63.6	40-140				
Endrin aldehyde	20.1	0.330	"	33.3		60.2	40-140				
Endrin ketone	23.5	0.330	"	33.3		70.6	40-140				
gamma-BHC (Lindane)	23.1	0.330	"	33.3		69.2	40-140				
gamma-Chlordane	20.8	0.330	"	33.3		62.4	40-140				
Heptachlor	20.3	0.330	"	33.3		60.9	40-140				
Heptachlor epoxide	21.9	0.330	"	33.3		65.6	40-140				
Methoxychlor	16.8	1.65	"	33.3		50.3	40-140				
Surrogate: Decachlorobiphenyl	28.0		"	66.7		42.0	30-150				
Surrogate: Tetrachloro-m-xylene	30.6		"	66.7		45.8	30-150				



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 BB70737 - EPA 3550C

Blank (BB70737-BLK1)

Prepared & Analyzed: 02/15/2017

4,4'-DDD	ND	0.330	ug/kg wet								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
Aldrin	ND	0.330	"								
alpha-BHC	ND	0.330	"								
alpha-Chlordane	ND	0.330	"								
beta-BHC	ND	0.330	"								
Chlordane, total	ND	6.60	"								
delta-BHC	ND	0.330	"								
Dieldrin	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endrin	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin ketone	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
gamma-Chlordane	ND	0.330	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
Toxaphene	ND	16.7	"								
Surrogate: Decachlorobiphenyl	35.2		"	66.7		52.8	30-150				
Surrogate: Tetrachloro-m-xylene	31.2		"	66.7		46.8	30-150				

LCS (BB70737-BS1)

Prepared & Analyzed: 02/15/2017

4,4'-DDD	22.2	0.330	ug/kg wet	33.3		66.5	40-140				
4,4'-DDE	21.6	0.330	"	33.3		64.8	40-140				
4,4'-DDT	18.2	0.330	"	33.3		54.6	40-140				
Aldrin	22.0	0.330	"	33.3		66.1	40-140				
alpha-BHC	22.5	0.330	"	33.3		67.6	40-140				
alpha-Chlordane	20.3	0.330	"	33.3		60.8	40-140				
beta-BHC	19.4	0.330	"	33.3		58.2	40-140				
delta-BHC	22.4	0.330	"	33.3		67.3	40-140				
Dieldrin	21.8	0.330	"	33.3		65.3	40-140				
Endosulfan I	20.8	0.330	"	33.3		62.3	40-140				
Endosulfan II	21.1	0.330	"	33.3		63.2	40-140				
Endosulfan sulfate	21.1	0.330	"	33.3		63.4	40-140				
Endrin	21.2	0.330	"	33.3		63.6	40-140				
Endrin aldehyde	20.5	0.330	"	33.3		61.4	40-140				
Endrin ketone	23.2	0.330	"	33.3		69.7	40-140				
gamma-BHC (Lindane)	21.3	0.330	"	33.3		63.9	40-140				
gamma-Chlordane	19.5	0.330	"	33.3		58.4	40-140				
Heptachlor	19.0	0.330	"	33.3		57.0	40-140				
Heptachlor epoxide	20.4	0.330	"	33.3		61.3	40-140				
Methoxychlor	18.0	1.65	"	33.3		53.9	40-140				
Surrogate: Decachlorobiphenyl	30.5		"	66.7		45.8	30-150				
Surrogate: Tetrachloro-m-xylene	28.5		"	66.7		42.7	30-150				



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 Y7B1601 - BB70285

Performance Mix (Y7B1601-PEM1)

Prepared & Analyzed: 02/15/2017

4,4'-DDD	9.73		ng/mL	0.00			0-200			
4,4'-DDE	0.684		"	0.00			0-200			
4,4'-DDT	132		"	200		65.9	0-200			
Endrin	86.9		"	100		86.9	0-200			
Endrin aldehyde	1.64		"	0.00			0-200			
Endrin ketone	9.86		"	0.00			0-200			

Performance Mix (Y7B1601-PEM2)

Prepared & Analyzed: 02/15/2017

4,4'-DDD	14.4		ng/mL	0.00			0-200			
4,4'-DDE	0.482		"	0.00			0-200			
4,4'-DDT	171		"	200		85.6	0-200			
Endrin	98.0		"	100		98.0	0-200			
Endrin aldehyde	1.37		"	0.00			0-200			
Endrin ketone	8.25		"	0.00			0-200			



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 BB70668 - EPA 3550C

Blank (BB70668-BLK2)

Prepared & Analyzed: 02/14/2017

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	0.0497	"	0.0667	74.5	30-140
Surrogate: Decachlorobiphenyl	0.0533	"	0.0667	80.0	30-140

LCS (BB70668-BS2)

Prepared & Analyzed: 02/14/2017

Aroclor 1016	0.281	0.0167	mg/kg wet	0.333	84.3	40-130
Aroclor 1260	0.270	0.0167	"	0.333	80.9	40-130
Surrogate: Tetrachloro-m-xylene	0.0503		"	0.0667	75.5	30-140
Surrogate: Decachlorobiphenyl	0.0563		"	0.0667	84.5	30-140

Batch BB70669 - EPA 3550C

Blank (BB70669-BLK2)

Prepared & Analyzed: 02/14/2017

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	0.0493	"	0.0667	74.0	30-140
Surrogate: Decachlorobiphenyl	0.0513	"	0.0667	77.0	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 BB70669 - EPA 3550C

LCS (BB70669-BS2)

Prepared & Analyzed: 02/14/2017

Aroclor 1016	0.267	0.0167	mg/kg wet	0.333		80.1	40-130				
Aroclor 1260	0.250	0.0167	"	0.333		75.1	40-130				
Surrogate: Tetrachloro-m-xylene	0.0487		"	0.0667		73.0	30-140				
Surrogate: Decachlorobiphenyl	0.0510		"	0.0667		76.5	30-140				

Batch BB70737 - EPA 3550C

Blank (BB70737-BLK2)

Prepared & Analyzed: 02/15/2017

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	0.0510		"	0.0667		76.5	30-140				
Surrogate: Decachlorobiphenyl	0.0530		"	0.0667		79.5	30-140				

LCS (BB70737-BS2)

Prepared & Analyzed: 02/15/2017

Aroclor 1016	0.279	0.0167	mg/kg wet	0.333		83.7	40-130				
Aroclor 1260	0.258	0.0167	"	0.333		77.5	40-130				
Surrogate: Tetrachloro-m-xylene	0.0510		"	0.0667		76.5	30-140				
Surrogate: Decachlorobiphenyl	0.0537		"	0.0667		80.5	30-140				



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

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

Batch BB70496 - EPA 3050B

Blank (BB70496-BLK1)

Prepared & Analyzed: 02/10/2017

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

Duplicate (BB70496-DUP1)

*Source sample: 17B0286-01 (B-1 0-2ft)

Prepared & Analyzed: 02/10/2017

Aluminum	6590	5.38	mg/kg dry	6530	0.916	35
Antimony	ND	0.538	"	ND		35
Arsenic	1.22	1.08	"	1.08	11.8	35
Barium	25.8	1.08	"	25.7	0.673	35
Beryllium	0.163	0.108	"	0.168	2.93	35
Cadmium	ND	0.323	"	ND		35
Calcium	612	5.38	"	600	2.02	35
Chromium	7.79	0.538	"	7.73	0.736	35
Cobalt	5.44	0.538	"	5.41	0.635	35
Copper	8.68	0.538	"	8.53	1.74	35
Iron	12200	2.15	"	11900	2.38	35
Lead	4.35	0.323	"	4.39	0.818	35
Magnesium	2640	5.38	"	2590	1.99	35
Manganese	259	0.538	"	257	0.866	35
Nickel	12.0	0.538	"	12.0	0.172	35
Potassium	737	5.38	"	713	3.27	35
Selenium	ND	1.08	"	ND		35
Silver	ND	0.538	"	ND		35
Sodium	291	10.8	"	290	0.448	35
Thallium	ND	1.08	"	ND		35
Vanadium	11.3	1.08	"	11.2	0.860	35
Zinc	27.6	1.08	"	27.7	0.287	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 BB70496 - EPA 3050B

Matrix Spike (BB70496-MS1)		*Source sample: 17B0286-01 (B-1 0-2ft)					Prepared & Analyzed: 02/10/2017				
Aluminum	7540	5.38	mg/kg dry	215	6530	470	75-125	High Bias			
Antimony	23.2	0.538	"	26.9	ND	86.4	75-125				
Arsenic	199	1.08	"	215	1.08	91.9	75-125				
Barium	240	1.08	"	215	25.7	99.5	75-125				
Beryllium	5.04	0.108	"	5.38	0.168	90.6	75-125				
Cadmium	5.06	0.323	"	5.38	ND	94.0	75-125				
Chromium	28.1	0.538	"	21.5	7.73	94.5	75-125				
Cobalt	57.5	0.538	"	53.8	5.41	96.9	75-125				
Copper	36.0	0.538	"	26.9	8.53	102	75-125				
Iron	13500	2.15	"	108	11900	NR	75-125	High Bias			
Lead	55.3	0.323	"	53.8	4.39	94.6	75-125				
Magnesium	2910	5.38	"		2590		75-125				
Manganese	343	0.538	"	53.8	257	160	75-125	High Bias			
Nickel	63.8	0.538	"	53.8	12.0	96.2	75-125				
Potassium	820	5.38	"		713		75-125				
Selenium	199	1.08	"	215	ND	92.6	75-125				
Silver	3.59	0.538	"	5.38	ND	66.8	75-125	Low Bias			
Sodium	309	10.8	"		290		75-125				
Thallium	195	1.08	"	215	ND	90.7	75-125				
Vanadium	61.4	1.08	"	53.8	11.2	93.2	75-125				
Zinc	79.0	1.08	"	53.8	27.7	95.5	75-125				

Reference (BB70496-SRM1)		Prepared: 02/10/2017 Analyzed: 02/11/2017									
Aluminum	6760	5.00	mg/kg wet	8200		82.4	40-159.7				
Antimony	77.5	0.500	"	105		73.8	19.6-254.3				
Arsenic	181	1.00	"	221		81.8	71-133.5				
Barium	366	1.00	"	428		85.4	74.6-125.5				
Beryllium	86.8	0.100	"	112		77.5	75-125				
Cadmium	93.9	0.300	"	126		74.5	73.3-126.2				
Calcium	4880	5.00	"	6160		79.3	73.9-126.1				
Chromium	59.6	0.500	"	74.7		79.8	68.5-131.3				
Cobalt	150	0.500	"	198		75.9	74.7-125.8				
Copper	71.2	0.500	"	83.3		85.5	73.8-130.8				
Iron	13200	2.00	"	14600		90.4	36.1-163.7				
Lead	63.1	0.300	"	76.9		82.1	68.8-131.3				
Magnesium	2470	5.00	"	3180		77.6	66.9-133.3				
Manganese	357	0.500	"	452		78.9	76.5-123.5				
Nickel	140	0.500	"	178		78.6	73.6-128.7				
Potassium	2320	5.00	"	2820		82.2	62.1-137.9				
Selenium	86.3	1.00	"	111		77.8	65.7-134.2				
Silver	46.1	0.500	"	59.6		77.3	66.8-133.1				
Sodium	568	10.0	"	643		88.3	54.9-145				
Thallium	107	1.00	"	151		71.1	68.2-131.1				
Vanadium	119	1.00	"	150		79.1	70.7-129.3				
Zinc	252	1.00	"	338		74.6	71.9-127.8				



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 BB70497 - EPA 3050B

Blank (BB70497-BLK1)

Prepared: 02/10/2017 Analyzed: 02/11/2017

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

Reference (BB70497-SRM1)

Prepared: 02/10/2017 Analyzed: 02/11/2017

Aluminum	6760	5.00	mg/kg wet	8200	82.4	40-159.7
Antimony	77.5	0.500	"	105	73.8	19.6-254.3
Arsenic	181	1.00	"	221	81.8	71-133.5
Barium	366	1.00	"	428	85.4	74.6-125.5
Beryllium	86.8	0.100	"	112	77.5	75-125
Cadmium	93.9	0.300	"	126	74.5	73.3-126.2
Calcium	4880	5.00	"	6160	79.3	73.9-126.1
Chromium	59.6	0.500	"	74.7	79.8	68.5-131.3
Cobalt	150	0.500	"	198	75.9	74.7-125.8
Copper	71.2	0.500	"	83.3	85.5	73.8-130.8
Iron	13200	2.00	"	14600	90.4	36.1-163.7
Lead	63.1	0.300	"	76.9	82.1	68.8-131.3
Magnesium	2470	5.00	"	3180	77.6	66.9-133.3
Manganese	357	0.500	"	452	78.9	76.5-123.5
Nickel	140	0.500	"	178	78.6	73.6-128.7
Potassium	2320	5.00	"	2820	82.2	62.1-137.9
Selenium	86.3	1.00	"	111	77.8	65.7-134.2
Silver	46.1	0.500	"	59.6	77.3	66.8-133.1
Sodium	568	10.0	"	643	88.3	54.9-145
Thallium	107	1.00	"	151	71.1	68.2-131.1
Vanadium	119	1.00	"	150	79.1	70.7-129.3
Zinc	252	1.00	"	338	74.6	71.9-127.8



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 BB70578 - EPA 7473 soil											
Blank (BB70578-BLK1)								Prepared & Analyzed: 02/13/2017			
Mercury	ND	0.0300	mg/kg wet								
Reference (BB70578-SRM1)								Prepared & Analyzed: 02/13/2017			
Mercury	16.690		mg/kg	13.8		121	51.4-168.8				
Batch BB70652 - EPA 7473 soil											
Blank (BB70652-BLK1)								Prepared & Analyzed: 02/14/2017			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BB70652-DUP1)								Prepared & Analyzed: 02/14/2017			
Mercury	ND	0.0326	mg/kg dry		ND					35	
Matrix Spike (BB70652-MS1)								Prepared & Analyzed: 02/14/2017			
Mercury	0.561		mg/kg	0.500	0.00690	111	75-125				
Reference (BB70652-SRM1)								Prepared & Analyzed: 02/14/2017			
Mercury	17.020		mg/kg	13.8		123	51.4-168.8				



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 BB70678 - % Solids Prep

Duplicate (BB70678-DUP1)		*Source sample: 17B0286-20 (B-7 6-8ft)					Prepared & Analyzed: 02/14/2017				
% Solids	84.9	0.100	%		86.3			1.61	20		



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17B0286-01	B-1 0-2ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-02	B-1 6-8ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-03	B-1 14-16ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-04	B-2 0-2ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-05	B-2 6-8ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-06	B-2 14-16ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-07	B-3 0-2ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-08	B-3 6-8ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-09	B-3 14-16ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-10	B-4 0-2ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-11	B-4 6-8ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-12	B-4 14-16ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-13	B-5 0-2ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-14	B-5 6-8ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-15	B-5 14-16ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-16	B-6 0-2ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-17	B-6 6-8ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-18	B-6 14-16ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-19	B-7 0-2ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-20	B-7 6-8ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-21	B-7 14-16ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-22	B-8 0-2ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-23	B-8 6-8ft	40mL Vial with Stir Bar-Cool 4° C
17B0286-24	B-8 14-16ft	40mL Vial with Stir Bar-Cool 4° C



Notes and Definitions

S-08	The recovery of this surrogate was outside of QC limits.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-MISpk	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The SRM was within acceptance limits, therefore data are acceptable.
M-LSRD	Original sample conc <50 X reporting limit.
M-HCSpk	Sample conc. >10 X spike conc.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
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.
IS-06	Internal standard perylene-d12 did not meet acceptance criteria. The sample was reanalyzed to confirm matrix interference. Compounds affected are: Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene and Indeno(1,2,3-cd)pyrene.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.



Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



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YORK
ANALYTICAL LABORATORIES INC.

Field Chain-of-Custody Record

Page 1 of 3

York Project No. 1750286

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

YOUR Information Company: <u>GET Co. Software</u> Address: <u>110 W 9th St. NY</u> Phone No: <u>212 279 2984</u> Contact Person: <u>N. Rechberger</u> E-Mail Address: <u>NRechberger@getco.com</u>		Report To: Company: <u>SAP</u> Address: <u>CHAI</u> Phone No.: Attention: E-Mail Address:		Invoice To: Company: <u>SAP</u> Address: <u>CHAI</u> Phone No.: Attention: E-Mail Address:		YOUR Project ID <u>1700655</u> Purchase Order No. <u>1700655*</u>		Turn-Around Time RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard (5-7 Days) ☒		Report Type Summary Report ☒ Summary w/ QA Summary ☐ CT RCP Package ☐ CT RCP DOA/DUE Pkg ☐ NY ASP A Package ☐ NY ASP B Package ☒ NUDEP Red. Deliv. ☐ Electronic Data Deliverables (EDD) ☒			
Matrix Codes ☒ soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles TICS Site Spec. STARS list BTX MTBE TCM list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list		Semi-Volatiles STARS list PAH list TAGM list CT RCP list TCM list NIDEP list App. IX TCM list 8021B list		Metals RCRA8 PP13 list TAL CT15 list TAGM list NIDEP list Total Dissolved SLP Por TCM Ind. Metals LIST Below		Full Lists TPH GRO TPH DRO CT ETPH NY 310-13 Full TCM Full App. IX Part 360-Residue Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium		Misc. Conductivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC NYDEP Sewer NYDEP Sewer NYDEP Sewer Silica		Other York Regulatory Comparison Excel Spreadsheet ☒ Compare to the following Regs. (please fill in): NYDEC Part 375 Restricted & Unrestricted	

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)	Temperature on Receipt
B-1 0-2ft	2/7/12 0900	S	VOCs, SVOCs, Pest/PCB, TAL Metals	1-8oz - tetracore	4.4°C
B-1 6-8ft	0915				
B-1 14-16ft	0930				
B-2 0-2ft	0945				
B-2 6-8ft	1000				
B-2 14-16ft	1045				
B-3 0-2ft	1030				
B-3 6-8ft	1045				
B-3 14-16ft	1100				
B-4 0-2ft	1115				



YORK ANALYTICAL LABORATORIES
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Field Chain-of-Custody Record

Page 2 of 3

SOIC

York Project No. 1730286

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.

This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

YOUR INFORMATION Company: <u>GET CONSULTANTS</u> Address: _____ Phone No.: _____ Contact Person: _____ E-Mail Address: _____		Report To: Company: _____ Address: _____ Phone No.: _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: _____ Address: _____ Phone No.: _____ Attention: _____ E-Mail Address: _____		YOUR PROJECT ID <u>1700655</u> Purchase Order No. <u>1700655</u>		Turn-Around Time ☐ RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day Standard (5-7 Days) ☒		Report Type ☒ Summary Report ☐ Summary w/ QA Summary ☐ CT RCP Package ☐ CTRCP DQA/DUE Pkg ☐ NY ASP A Package ☐ NY ASP B Package ☒ NJDEP Red. Deliv. <u>Electronic Data Deliverables (EDD)</u> ☐ Simple Excel ☒ ☐ NY/DEC EQulS ☐ EQulS (std) ☐ EZ-EDD (EQulS) ☐ NJDEP SRP HazSite EDD ☐ GIS/KEY (std) ☐ Other ☒ York Regulatory Comparison ☒ Excel Spreadsheet Compare to the following Regs. (please fill in): <u>NY/DEC Part 375</u> <u>unrestricted & restricted</u>	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

[Signature]
 Samples Collected/Authorized By (Signature)
Nicholas Re
 Name (printed)

Matrix Codes
 S - soil
 Other - specify (oil, etc.)
 WW - wastewater
 GW - groundwater
 DW - drinking water
 Air-A - ambient air
 Air-SV - soil vapor

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)	Temperature on Receipt
B-4 6-8 ft	2-7-2017 1130		VOCs, SVOCs, Pest/PCBs, TAL Metals	1-902, 4 Air Accus	41.4°C
B-4 14-16 ft	1145				
B-5 0-2 ft	1200				
B-5 6-8 ft	1215				
B-5 14-16 ft	1230				
B-6 0-2 ft	1245				
B-6 6-8 ft	1300				
B-6 14-16 ft	1315				
B-7 0-2 ft	1330				
B-7 6-8 ft	1345				

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.

York Project No. 1730286

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type	
Company: <u>GEI Consultants</u>	Company: <u>SAR</u>	Company: <u>PMH</u>	Company: <u>1700655</u>	Company: <u>1700655</u>	Company: <u>1700655</u>	Company: <u>1700655</u>	Company: <u>1700655</u>	Company: <u>1700655</u>	Company: <u>1700655</u>	Company: <u>1700655</u>	Company: <u>1700655</u>
Address: <u>110 Wallingford Ave</u>	Address: <u>Huntington Sta NY 11756</u>	Address: <u>631/759-2973</u>	Address: <u>NY 11756</u>	Address: <u>NY 11756</u>	Address: <u>NY 11756</u>	Address: <u>NY 11756</u>	Address: <u>NY 11756</u>	Address: <u>NY 11756</u>	Address: <u>NY 11756</u>	Address: <u>NY 11756</u>	Address: <u>NY 11756</u>
Phone No: <u>631/759-2973</u>	Phone No: <u>NY 11756</u>	Phone No: <u>NY 11756</u>	Phone No: <u>NY 11756</u>	Phone No: <u>NY 11756</u>	Phone No: <u>NY 11756</u>	Phone No: <u>NY 11756</u>	Phone No: <u>NY 11756</u>	Phone No: <u>NY 11756</u>	Phone No: <u>NY 11756</u>	Phone No: <u>NY 11756</u>	Phone No: <u>NY 11756</u>
Contact Person: <u>NRECHIA@GEI</u>	Contact Person: <u>CONCOURSE VILLAGE</u>	Contact Person: <u>CONCOURSE VILLAGE</u>	Contact Person: <u>CONCOURSE VILLAGE</u>	Contact Person: <u>CONCOURSE VILLAGE</u>	Contact Person: <u>CONCOURSE VILLAGE</u>	Contact Person: <u>CONCOURSE VILLAGE</u>	Contact Person: <u>CONCOURSE VILLAGE</u>	Contact Person: <u>CONCOURSE VILLAGE</u>	Contact Person: <u>CONCOURSE VILLAGE</u>	Contact Person: <u>CONCOURSE VILLAGE</u>	Contact Person: <u>CONCOURSE VILLAGE</u>
E-Mail Address: <u>CONCOURSE VILLAGE</u>	E-Mail Address: <u>CONCOURSE VILLAGE</u>	E-Mail Address: <u>CONCOURSE VILLAGE</u>	E-Mail Address: <u>CONCOURSE VILLAGE</u>	E-Mail Address: <u>CONCOURSE VILLAGE</u>	E-Mail Address: <u>CONCOURSE VILLAGE</u>	E-Mail Address: <u>CONCOURSE VILLAGE</u>	E-Mail Address: <u>CONCOURSE VILLAGE</u>	E-Mail Address: <u>CONCOURSE VILLAGE</u>	E-Mail Address: <u>CONCOURSE VILLAGE</u>	E-Mail Address: <u>CONCOURSE VILLAGE</u>	E-Mail Address: <u>CONCOURSE VILLAGE</u>
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.											
Matrix Codes CS soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor											
Sample Matrix CS soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor											
Choose Analyses Needed from the Menu Above and Enter Below VOCs, SVOCs, Pest/PCB, TAL Metals											
Sample Identification B-7 14-16-14 B-8 0-2-14 B-8 6-8-14 B-8 14-16-14											
Date/Time Sampled 2-7-17 1400 1415 1430 1445											
Name (printed) Nicholas Kechia											
Container Description(s) 1-Bottle of 1000s											
Temperature on Receipt 4.4°C											



Technical Report

prepared for:

GEI Consultants, Inc
110 Walt Whitman Road, Suite 204
Huntington Station NY, 11746
Attention: Nick Recchia

Report Date: 03/03/2017
Client Project ID: 1700655
York Project (SDG) No.: 17B0385

Revision No. 1.0

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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ClientServices@yorklab.com

Report Date: 03/03/2017
Client Project ID: 1700655
York Project (SDG) No.: 17B0385

GEI Consultants, Inc
110 Walt Whitman Road, Suite 204
Huntington Station NY, 11746
Attention: Nick Recchia

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 February 10, 2017 and listed below. The project was identified as your project: **1700655**.

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>
17B0385-01	GW-5	Water	02/08/2017	02/10/2017
17B0385-02	GW-1	Water	02/08/2017	02/10/2017
17B0385-03	GW-2	Water	02/08/2017	02/10/2017
17B0385-04	GW-6	Water	02/08/2017	02/10/2017
17B0385-05	GW-7	Water	02/08/2017	02/10/2017
17B0385-06	GW-3	Water	02/08/2017	02/10/2017
17B0385-07	GW-4	Water	02/08/2017	02/10/2017
17B0385-08	GW-8	Water	02/08/2017	02/10/2017
17B0385-09	GW-RB	Water	02/08/2017	02/10/2017
17B0385-10	TB	Water	02/08/2017	02/10/2017

General Notes for York Project (SDG) No.: 17B0385

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.
9. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 03/03/2017





Sample Information

Client Sample ID: GW-5

York Sample ID: 17B0385-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0385

1700655

Water

February 8, 2017 9:30 am

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
78-93-3	2-Butanone	0.39	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK



Sample Information

Client Sample ID: GW-5

York Sample ID: 17B0385-01

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
108-10-1	4-Methyl-2-pentanone	0.34	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
67-64-1	Acetone	3.0	B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
75-00-3	Chloroethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK



Sample Information

Client Sample ID: GW-5

York Sample ID: 17B0385-01

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/13/2017 08:15	02/13/2017 16:59	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	02/13/2017 08:15	02/13/2017 16:59	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
127-18-4	Tetrachloroethylene	0.27	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK



Sample Information

Client Sample ID: GW-5

York Sample ID: 17B0385-01

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	02/13/2017 08:15	02/13/2017 16:59	BK
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %			69-130						
2037-26-5	Surrogate: Toluene-d8	96.7 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	97.8 %			79-122						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.60	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.62	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.75	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.33	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.32	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.91	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
88-74-4	2-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.34	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
99-09-2	3-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.40	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
106-47-8	4-Chloroaniline	ND		ug/L	3.14	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH



Sample Information

Client Sample ID: GW-5

York Sample ID: 17B0385-01

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.58	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.82	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
62-53-3	Aniline	ND		ug/L	1.58	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
191-24-2	Benzo(g,h,i)perylene	0.0526	J	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.897	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.86	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.58	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.15	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
86-74-8	Carbazole	ND		ug/L	1.38	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
132-64-9	Dibenzofuran	ND		ug/L	2.54	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.69	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH



Sample Information

Client Sample ID: GW-5

York Sample ID: 17B0385-01

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/L	2.01	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.16	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.18	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.66	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
78-59-1	Isophorone	ND		ug/L	2.82	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
91-20-3	Naphthalene	0.147		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.69	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.26	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:27	SR
110-86-1	Pyridine	ND		ug/L	4.12	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 17:49	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	53.9 %	12-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	57.7 %	16-84								
1718-51-0	Surrogate: Terphenyl-d14	62.9 %	15-106								



Sample Information

Client Sample ID: GW-5

York Sample ID: 17B0385-01

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
57-74-9	Chlordane, total	ND		ug/L	0.0205	0.0205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
959-98-8	Endosulfan I	0.0209		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA



Sample Information

Client Sample ID: GW-5

York Sample ID: 17B0385-01

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:02	SA
Surrogate Recoveries		Result			Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	35.2 %				30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	21.5 %	GC-Sur r			30-150					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:04	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:04	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:04	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:04	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:04	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:04	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:04	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	02/15/2017 06:53	02/17/2017 10:04	SA
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	15.5 %	GC-Sur r			30-120					
2051-24-3	Surrogate: Decachlorobiphenyl	39.0 %				30-120					

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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	6.28		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:06	KV
7440-39-3	Barium	0.358		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:06	KV
7440-41-7	Beryllium	ND		mg/L	0.00100	0.00100	1	EPA 6010C Certifications: NELAC-NY10854,NJDEP	02/13/2017 12:50	02/13/2017 16:06	KV



Sample Information

Client Sample ID: GW-5

York Sample ID: 17B0385-01

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	77.2		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:06	KV
7440-47-3	Chromium	0.0183		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:06	KV
7440-50-8	Copper	0.0673		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:06	KV
7439-89-6	Iron	11.4		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:06	KV
7439-92-1	Lead	0.0300		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:06	KV
7439-95-4	Magnesium	16.7	B	mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:06	KV
7439-96-5	Manganese	6.32		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:06	KV
7440-02-0	Nickel	0.0353		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:06	KV
7440-09-7	Potassium	12.2		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:06	KV
7782-49-2	Selenium	0.0256		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:06	KV
7440-22-4	Silver	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:06	KV
7440-23-5	Sodium	82.7		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:06	KV
7440-62-2	Vanadium	0.0170		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:06	KV
7440-66-6	Zinc	0.478		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:06	KV

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:24	ALD
7440-39-3	Barium	0.0953		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:24	ALD
7440-41-7	Beryllium	ND		mg/L	0.00111	0.00111	1	EPA 6010C Certifications: NELAC-NY10854,NJDEP	02/14/2017 07:21	02/14/2017 09:24	ALD
7440-70-2	Calcium	96.5		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:24	ALD
7440-47-3	Chromium	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:24	ALD
7440-50-8	Copper	0.0102		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:24	ALD



Sample Information

Client Sample ID: GW-5

York Sample ID: 17B0385-01

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.0431		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:24	ALD
7439-92-1	Lead	ND		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:24	ALD
7439-95-4	Magnesium	15.1		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:24	ALD
7439-96-5	Manganese	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:24	ALD
7440-02-0	Nickel	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:24	ALD
7440-09-7	Potassium	14.8		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:24	ALD
7782-49-2	Selenium	0.0300		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:24	ALD
7440-22-4	Silver	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:24	ALD
7440-23-5	Sodium	117		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:24	ALD
7440-62-2	Vanadium	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:24	ALD
7440-66-6	Zinc	0.0122		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:24	ALD

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 15:53	KV
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 15:53	KV
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 15:53	KV
7439-98-7	Molybdenum	10.4		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 15:53	KV
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 15:53	KV

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 15:53	KV



Sample Information

Client Sample ID: GW-5

York Sample ID: 17B0385-01

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 15:53	KV
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 15:53	KV
7439-98-7	Molybdenum	10.4		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 15:53	KV
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 15:53	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/11/2017 09:45	02/12/2017 07:29	ALD

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/11/2017 09:45	02/12/2017 07:29	ALD

Sample Information

Client Sample ID: GW-1

York Sample ID: 17B0385-02

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK



Sample Information

Client Sample ID: GW-1

York Sample ID: 17B0385-02

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 9:30 am

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
78-93-3	2-Butanone	0.43	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
108-10-1	4-Methyl-2-pentanone	0.33	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
67-64-1	Acetone	3.2	B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK



Sample Information

Client Sample ID: GW-1

York Sample ID: 17B0385-02

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
74-83-9	Bromomethane	0.26	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
75-00-3	Chloroethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK



Sample Information

Client Sample ID: GW-1

York Sample ID: 17B0385-02

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 9:30 am

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/13/2017 08:15	02/13/2017 16:31	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	02/13/2017 08:15	02/13/2017 16:31	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
127-18-4	Tetrachloroethylene	0.29	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	02/13/2017 08:15	02/13/2017 16:31	BK

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: GW-1

York Sample ID: 17B0385-02

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 9:30 am

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %			69-130						
2037-26-5	Surrogate: Toluene-d8	98.5 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	98.3 %			79-122						

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.60	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.62	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.75	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.33	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.32	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.91	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
88-74-4	2-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.34	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
99-09-2	3-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.40	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
106-47-8	4-Chloroaniline	ND		ug/L	3.14	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.58	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.82	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR



Sample Information

Client Sample ID: GW-1

York Sample ID: 17B0385-02

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 9:30 am

Date Received

02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/L	1.58	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR
191-24-2	Benzo(g,h,i)perylene	0.0632		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.897	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.86	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.58	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.15	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR
86-74-8	Carbazole	ND		ug/L	1.38	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR
132-64-9	Dibenzofuran	ND		ug/L	2.54	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.69	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.01	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.16	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.18	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR



Sample Information

Client Sample ID: GW-1

York Sample ID: 17B0385-02

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.66	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR
78-59-1	Isophorone	ND		ug/L	2.82	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
91-20-3	Naphthalene	0.147		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.69	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.26	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 12:59	SR
110-86-1	Pyridine	ND		ug/L	4.12	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:22	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	62.5 %	12-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	70.6 %	16-84								
1718-51-0	Surrogate: Terphenyl-d14	69.8 %	15-106								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA



Sample Information

Client Sample ID: GW-1

York Sample ID: 17B0385-02

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 9:30 am

Date Received

02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA
57-74-9	Chlordane, total	ND		ug/L	0.0205	0.0205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA
959-98-8	Endosulfan I	0.0131		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:13	SA

Surrogate Recoveries

Result

Acceptance Range

120 RESEARCH DRIVE

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Sample Information

Client Sample ID: GW-1

York Sample ID: 17B0385-02

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 9:30 am

Date Received

02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	34.8 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	29.4 %	GC-Sur r		30-150						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:21	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:21	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:21	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:21	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:21	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:21	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:21	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	02/15/2017 06:53	02/17/2017 10:21	SA

Surrogate Recoveries		Result	Acceptance Range	
877-09-8	Surrogate: Tetrachloro-m-xylene	19.0 %	GC-Sur r	30-120
2051-24-3	Surrogate: Decachlorobiphenyl	43.5 %		30-120

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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	53.9		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:11	KV
7440-39-3	Barium	5.24		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:11	KV
7440-41-7	Beryllium	0.00373		mg/L	0.00100	0.00100	1	EPA 6010C Certifications: NELAC-NY10854,NJDEP	02/13/2017 12:50	02/13/2017 16:11	KV
7440-70-2	Calcium	929		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:11	KV
7440-47-3	Chromium	0.108		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:11	KV



Sample Information

Client Sample ID: GW-1

York Sample ID: 17B0385-02

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	0.957		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:11	KV
7439-89-6	Iron	44.0		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:11	KV
7439-92-1	Lead	0.247		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:11	KV
7439-95-4	Magnesium	372	B	mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:11	KV
7439-96-5	Manganese	24.6		mg/L	0.0500	0.0500	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/15/2017 18:20	KV
7440-02-0	Nickel	0.229		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:11	KV
7440-09-7	Potassium	44.0		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:11	KV
7782-49-2	Selenium	0.108		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:11	KV
7440-22-4	Silver	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:11	KV
7440-23-5	Sodium	262		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:11	KV
7440-62-2	Vanadium	0.103		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:11	KV
7440-66-6	Zinc	9.00		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:11	KV

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:29	ALD
7440-39-3	Barium	0.0994		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:29	ALD
7440-41-7	Beryllium	ND		mg/L	0.00111	0.00111	1	EPA 6010C Certifications: NELAC-NY10854,NJDEP	02/14/2017 07:21	02/14/2017 09:29	ALD
7440-70-2	Calcium	114		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:29	ALD
7440-47-3	Chromium	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:29	ALD
7440-50-8	Copper	0.0103		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:29	ALD
7439-89-6	Iron	0.0855		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:29	ALD
7439-92-1	Lead	ND		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:29	ALD



Sample Information

Client Sample ID: GW-1

York Sample ID: 17B0385-02

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 9:30 am

Date Received
02/10/2017

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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	18.9		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:29	ALD
7439-96-5	Manganese	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:29	ALD
7440-02-0	Nickel	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:29	ALD
7440-09-7	Potassium	18.2		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:29	ALD
7782-49-2	Selenium	0.0480		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:29	ALD
7440-22-4	Silver	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:29	ALD
7440-23-5	Sodium	147		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:29	ALD
7440-62-2	Vanadium	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:29	ALD
7440-66-6	Zinc	0.0587		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:29	ALD

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	2.34		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:13	KV
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:13	KV
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:13	KV
7439-98-7	Molybdenum	8.51		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:13	KV
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:13	KV

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	2.34		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:13	KV
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:13	KV
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:13	KV



Sample Information

Client Sample ID: GW-1

York Sample ID: 17B0385-02

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 9:30 am

Date Received

02/10/2017

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-98-7	Molybdenum	8.51		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:13	KV
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:13	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/11/2017 09:45	02/12/2017 07:29	ALD

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/11/2017 09:45	02/12/2017 07:29	ALD

Sample Information

Client Sample ID: GW-2

York Sample ID: 17B0385-03

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 10:30 am

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK



Sample Information

Client Sample ID: GW-2

York Sample ID: 17B0385-03

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 10:30 am

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
108-10-1	4-Methyl-2-pentanone	0.25	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
67-64-1	Acetone	1.3	J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK



Sample Information

Client Sample ID: GW-2

York Sample ID: 17B0385-03

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 10:30 am

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
75-00-3	Chloroethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK



Sample Information

Client Sample ID: GW-2

York Sample ID: 17B0385-03

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 10:30 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/13/2017 08:15	02/13/2017 16:03	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	02/13/2017 08:15	02/13/2017 16:03	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	02/13/2017 08:15	02/13/2017 16:03	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	69-130								
2037-26-5	Surrogate: Toluene-d8	99.3 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	100 %	79-122								



Sample Information

Client Sample ID: GW-2

York Sample ID: 17B0385-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0385

1700655

Water

February 8, 2017 10:30 am

02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.53	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.55	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.68	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.27	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.65	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.65	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.26	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.83	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
88-74-4	2-Nitroaniline	ND		ug/L	1.72	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.30	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
99-09-2	3-Nitroaniline	ND		ug/L	1.72	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.36	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
106-47-8	4-Chloroaniline	ND		ug/L	3.06	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.51	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.75	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR
62-53-3	Aniline	ND		ug/L	1.54	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR



Sample Information

Client Sample ID: GW-2

York Sample ID: 17B0385-03

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 10:30 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	Benzo(b)fluoranthene	0.0513	J	ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.874	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.82	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.54	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.07	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR
86-74-8	Carbazole	ND		ug/L	1.34	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR
132-64-9	Dibenzofuran	ND		ug/L	2.47	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
131-11-3	Dimethyl phthalate	ND		ug/L	1.96	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.10	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.15	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.59	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH



Sample Information

Client Sample ID: GW-2

York Sample ID: 17B0385-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0385

1700655

Water

February 8, 2017 10:30 am

02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR
78-59-1	Isophorone	ND		ug/L	2.75	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.13	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 13:30	SR
110-86-1	Pyridine	ND		ug/L	4.01	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 18:55	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	118 %	12-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	128 %	16-84								
1718-51-0	Surrogate: Terphenyl-d14	148 %	15-106								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA



Sample Information

Client Sample ID: GW-2

York Sample ID: 17B0385-03

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 10:30 am

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
57-74-9	Chlordane, total	ND		ug/L	0.0200	0.0200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
959-98-8	Endosulfan I	0.0139		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:28	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	46.6 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	44.4 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615							132-02 89th AVENUE	RICHMOND HILL, NY 11418		
www.YORKLAB.com	(203) 325-1371							FAX (203) 357-0166	ClientServices@yorklab.com		



Sample Information

Client Sample ID: GW-2

York Sample ID: 17B0385-03

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 10:30 am

Date Received
02/10/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:37	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:37	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:37	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:37	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:37	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:37	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:37	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications:	02/15/2017 06:53	02/17/2017 10:37	SA
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	29.0 %	GC-Sur	r	30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	63.0 %			30-120						

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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	11.9		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:16	KV
7440-39-3	Barium	0.591		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:16	KV
7440-41-7	Beryllium	ND		mg/L	0.00100	0.00100	1	EPA 6010C Certifications: NELAC-NY10854,NJDEP	02/13/2017 12:50	02/13/2017 16:16	KV
7440-70-2	Calcium	220		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:16	KV
7440-47-3	Chromium	0.0324		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:16	KV
7440-50-8	Copper	0.0497		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:16	KV
7439-89-6	Iron	68.9		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:16	KV
7439-92-1	Lead	0.0349		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:16	KV



Sample Information

Client Sample ID: GW-2

York Sample ID: 17B0385-03

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 10:30 am

Date Received
02/10/2017

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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	33.1	B	mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:16	KV
7439-96-5	Manganese	6.11		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:16	KV
7440-02-0	Nickel	0.0325		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:16	KV
7440-09-7	Potassium	51.1		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:16	KV
7782-49-2	Selenium	0.0360		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:16	KV
7440-22-4	Silver	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:16	KV
7440-23-5	Sodium	458		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:16	KV
7440-62-2	Vanadium	0.0560		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:16	KV
7440-66-6	Zinc	0.217		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:16	KV

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:34	ALD
7440-39-3	Barium	0.261		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:34	ALD
7440-41-7	Beryllium	ND		mg/L	0.00111	0.00111	1	EPA 6010C Certifications: NELAC-NY10854,NJDEP	02/14/2017 07:21	02/14/2017 09:34	ALD
7440-70-2	Calcium	318		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:34	ALD
7440-47-3	Chromium	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:34	ALD
7440-50-8	Copper	0.0140		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:34	ALD
7439-89-6	Iron	0.0633		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:34	ALD
7439-92-1	Lead	0.00347		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:34	ALD
7439-95-4	Magnesium	45.9		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:34	ALD
7439-96-5	Manganese	1.47		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:34	ALD
7440-02-0	Nickel	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:34	ALD



Sample Information

Client Sample ID: GW-2

York Sample ID: 17B0385-03

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 10:30 am

Date Received
02/10/2017

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	74.0		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:34	ALD
7782-49-2	Selenium	0.0294		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:34	ALD
7440-22-4	Silver	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:34	ALD
7440-23-5	Sodium	7.38		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/15/2017 01:09	KV
7440-62-2	Vanadium	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:34	ALD
7440-66-6	Zinc	0.0201		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:34	ALD

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:20	KV
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:20	KV
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:20	KV
7439-98-7	Molybdenum	8.00		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:20	KV
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:20	KV

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:20	KV
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:20	KV
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:20	KV
7439-98-7	Molybdenum	8.00		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:20	KV
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:20	KV



Sample Information

Client Sample ID: GW-2

York Sample ID: 17B0385-03

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 10:30 am

Date Received
02/10/2017

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/11/2017 09:45	02/12/2017 07:29	ALD

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/11/2017 09:45	02/12/2017 07:29	ALD

Sample Information

Client Sample ID: GW-6

York Sample ID: 17B0385-04

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 11:00 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK



Sample Information

Client Sample ID: GW-6

York Sample ID: 17B0385-04

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 11:00 am

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	0.43	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
108-10-1	4-Methyl-2-pentanone	0.23	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
67-64-1	Acetone	1.1	J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK



Sample Information

Client Sample ID: GW-6

York Sample ID: 17B0385-04

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 11:00 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
75-00-3	Chloroethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/13/2017 08:15	02/13/2017 15:36	BK



Sample Information

Client Sample ID: GW-6

York Sample ID: 17B0385-04

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 11:00 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	02/13/2017 08:15	02/13/2017 15:36	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	02/13/2017 08:15	02/13/2017 15:36	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	69-130								
2037-26-5	Surrogate: Toluene-d8	98.3 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	97.0 %	79-122								

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.60	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.62	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH



Sample Information

Client Sample ID: GW-6

York Sample ID: 17B0385-04

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 11:00 am

Date Received

02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.75	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.33	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.32	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.91	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
88-74-4	2-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.34	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
99-09-2	3-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.40	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
106-47-8	4-Chloroaniline	ND		ug/L	3.14	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.58	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.82	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR
62-53-3	Aniline	ND		ug/L	1.58	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR
50-32-8	Benzo(a)pyrene	0.147		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR
205-99-2	Benzo(b)fluoranthene	0.168		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR
191-24-2	Benzo(g,h,i)perylene	0.105		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR
207-08-9	Benzo(k)fluoranthene	0.137		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR



Sample Information

Client Sample ID: GW-6

York Sample ID: 17B0385-04

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 11:00 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.897	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.86	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.58	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.15	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR
86-74-8	Carbazole	ND		ug/L	1.38	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
218-01-9	Chrysene	0.0737		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR
132-64-9	Dibenzofuran	ND		ug/L	2.54	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.69	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.01	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.16	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.18	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.66	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR
193-39-5	Indeno(1,2,3-cd)pyrene	0.0947		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR
78-59-1	Isophorone	ND		ug/L	2.82	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
91-20-3	Naphthalene	0.0842		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR



Sample Information

Client Sample ID: GW-6

York Sample ID: 17B0385-04

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 11:00 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.69	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.26	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR
129-00-0	Pyrene	0.0526	J	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:01	SR
110-86-1	Pyridine	ND		ug/L	4.12	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 19:28	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	51.2 %	12-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	56.6 %	16-84								
1718-51-0	Surrogate: Terphenyl-d14	70.6 %	15-106								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
57-74-9	Chlordane, total	ND		ug/L	0.0205	0.0205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA



Sample Information

Client Sample ID: GW-6

York Sample ID: 17B0385-04

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 11:00 am

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
959-98-8	Endosulfan I	0.00916		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	0.0103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 14:43	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	52.9 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	41.5 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:54	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:54	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:54	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:54	SA



Sample Information

Client Sample ID: GW-6

York Sample ID: 17B0385-04

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 11:00 am

Date Received
02/10/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:54	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:54	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 10:54	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8082A Certifications:	02/15/2017 06:53	02/17/2017 10:54	SA
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	18.5 %		GC-Sur r	30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	61.0 %			30-120						

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	3.95		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:21	KV
7440-39-3	Barium	0.407		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:21	KV
7440-41-7	Beryllium	ND		mg/L	0.00100	0.00100	1	EPA 6010C Certifications: NELAC-NY10854,NJDEP	02/13/2017 12:50	02/13/2017 16:21	KV
7440-70-2	Calcium	209		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:21	KV
7440-47-3	Chromium	0.0118		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:21	KV
7440-50-8	Copper	0.0277		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:21	KV
7439-89-6	Iron	35.4		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:21	KV
7439-92-1	Lead	0.0184		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:21	KV
7439-95-4	Magnesium	28.9	B	mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:21	KV
7439-96-5	Manganese	3.44		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:21	KV
7440-02-0	Nickel	0.0185		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:21	KV
7440-09-7	Potassium	47.6		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:21	KV
7782-49-2	Selenium	0.0181		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:21	KV



Sample Information

Client Sample ID: GW-6

York Sample ID: 17B0385-04

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 11:00 am

Date Received
02/10/2017

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:21	KV
7440-23-5	Sodium	437		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:21	KV
7440-62-2	Vanadium	0.0280		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:21	KV
7440-66-6	Zinc	0.134		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:21	KV

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:52	ALD
7440-39-3	Barium	0.253		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:52	ALD
7440-41-7	Beryllium	ND		mg/L	0.00111	0.00111	1	EPA 6010C Certifications: NELAC-NY10854,NJDEP	02/14/2017 07:21	02/14/2017 09:52	ALD
7440-70-2	Calcium	313		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:52	ALD
7440-47-3	Chromium	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:52	ALD
7440-50-8	Copper	0.0147		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:52	ALD
7439-89-6	Iron	0.269		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:52	ALD
7439-92-1	Lead	ND		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:52	ALD
7439-95-4	Magnesium	44.9		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:52	ALD
7439-96-5	Manganese	1.39		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:52	ALD
7440-02-0	Nickel	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:52	ALD
7440-09-7	Potassium	73.1		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:52	ALD
7782-49-2	Selenium	0.0174		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:52	ALD
7440-22-4	Silver	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:52	ALD
7440-23-5	Sodium	7.07		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/15/2017 01:15	KV
7440-62-2	Vanadium	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:52	ALD



Sample Information

Client Sample ID: GW-6

York Sample ID: 17B0385-04

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 11:00 am

Date Received
02/10/2017

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	0.0266		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:52	ALD

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:27	KV
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:27	KV
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:27	KV
7439-98-7	Molybdenum	8.99		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:27	KV
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:27	KV

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:27	KV
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:27	KV
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:27	KV
7439-98-7	Molybdenum	8.99		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:27	KV
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:27	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/11/2017 09:45	02/12/2017 07:29	ALD



Sample Information

Client Sample ID: GW-6

York Sample ID: 17B0385-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0385

1700655

Water

February 8, 2017 11:00 am

02/10/2017

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/11/2017 09:45	02/12/2017 07:29	ALD

Sample Information

Client Sample ID: GW-7

York Sample ID: 17B0385-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0385

1700655

Water

February 8, 2017 11:45 am

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
95-63-6	1,2,4-Trimethylbenzene	180		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/14/2017 11:33	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK



Sample Information

Client Sample ID: GW-7

York Sample ID: 17B0385-05

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 11:45 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
108-67-8	1,3,5-Trimethylbenzene	35		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
78-93-3	2-Butanone	6.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
67-64-1	Acetone	12	B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
71-43-2	Benzene	0.99		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
75-15-0	Carbon disulfide	4.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
75-00-3	Chloroethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK



Sample Information

Client Sample ID: GW-7

York Sample ID: 17B0385-05

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 11:45 am

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
156-59-2	cis-1,2-Dichloroethylene	0.51		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
110-82-7	Cyclohexane	35		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
100-41-4	Ethyl Benzene	130		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/14/2017 11:33	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
98-82-8	Isopropylbenzene	32		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
108-87-2	Methylcyclohexane	26		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
104-51-8	n-Butylbenzene	15		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
103-65-1	n-Propylbenzene	36		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/14/2017 11:33	BK
95-47-6	o-Xylene	14		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/13/2017 08:15	02/13/2017 15:07	BK
179601-23-1	p- & m- Xylenes	200		ug/L	10	20	20	EPA 8260C Certifications: NELAC-NY10854	02/13/2017 08:15	02/14/2017 11:33	BK
99-87-6	p-Isopropyltoluene	6.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
135-98-8	sec-Butylbenzene	4.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK



Sample Information

Client Sample ID: GW-7

York Sample ID: 17B0385-05

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 11:45 am

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	0.47	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
108-88-3	Toluene	2.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 15:07	BK
1330-20-7	* Xylenes, Total	210		ug/L	12	30	20	EPA 8260C Certifications: CTDOH,NJDEP	02/13/2017 08:15	02/14/2017 11:33	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	69-130								
2037-26-5	Surrogate: Toluene-d8	97.5 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	79-122								

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.47	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.49	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.61	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.21	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.61	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.61	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.20	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
91-57-6	2-Methylnaphthalene	3.65	J	ug/L	2.76	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH



Sample Information

Client Sample ID: GW-7

York Sample ID: 17B0385-05

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 11:45 am

Date Received

02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/L	1.68	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.27	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
99-09-2	3-Nitroaniline	ND		ug/L	1.68	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.33	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.98	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.45	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.68	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
62-53-3	Aniline	ND		ug/L	1.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
120-12-7	Anthracene	0.0500	J	ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
56-55-3	Benzo(a)anthracene	0.110		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
50-32-8	Benzo(a)pyrene	0.210		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
205-99-2	Benzo(b)fluoranthene	0.180		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
191-24-2	Benzo(g,h,i)perylene	0.110		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
207-08-9	Benzo(k)fluoranthene	0.240		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.852	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.77	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.99	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
86-74-8	Carbazole	ND		ug/L	1.31	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH



Sample Information

Client Sample ID: GW-7

York Sample ID: 17B0385-05

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 11:45 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	0.120		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
53-70-3	Dibenzo(a,h)anthracene	0.0500	J	ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
132-64-9	Dibenzofuran	ND		ug/L	2.41	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
131-11-3	Dimethyl phthalate	ND		ug/L	1.91	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.05	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.12	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
206-44-0	Fluoranthene	0.180		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
86-73-7	Fluorene	0.0700		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.53	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
193-39-5	Indeno(1,2,3-cd)pyrene	0.0900		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
78-59-1	Isophorone	ND		ug/L	2.68	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
91-20-3	Naphthalene	19.4		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
85-01-8	Phenanthrene	0.150		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR
129-00-0	Pyrene	0.200		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 14:32	SR



Sample Information

Client Sample ID: GW-7

York Sample ID: 17B0385-05

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 11:45 am

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/L	3.91	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:58	02/16/2017 20:01	KH
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: Nitrobenzene-d5	35.9 %		12-96							
321-60-8	Surrogate: 2-Fluorobiphenyl	37.5 %		16-84							
1718-51-0	Surrogate: Terphenyl-d14	37.5 %		15-106							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.0200	0.0200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
72-55-9	4,4'-DDE	ND		ug/L	0.0200	0.0200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
50-29-3	4,4'-DDT	ND		ug/L	0.0200	0.0200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
309-00-2	Aldrin	ND		ug/L	0.0200	0.0200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
319-84-6	alpha-BHC	ND		ug/L	0.0200	0.0200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.0200	0.0200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
319-85-7	beta-BHC	ND		ug/L	0.0200	0.0200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
57-74-9	Chlordane, total	ND		ug/L	0.100	0.100	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
319-86-8	delta-BHC	ND		ug/L	0.0200	0.0200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
60-57-1	Dieldrin	ND		ug/L	0.0100	0.0100	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
959-98-8	Endosulfan I	ND		ug/L	0.0200	0.0200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
33213-65-9	Endosulfan II	ND		ug/L	0.0200	0.0200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.0200	0.0200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
72-20-8	Endrin	ND		ug/L	0.0200	0.0200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0500	0.0500	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA



Sample Information

Client Sample ID: GW-7

York Sample ID: 17B0385-05

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

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February 8, 2017 11:45 am

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		ug/L	0.0500	0.0500	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0200	0.0200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0500	0.0500	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
76-44-8	Heptachlor	ND		ug/L	0.0200	0.0200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0200	0.0200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
72-43-5	Methoxychlor	ND		ug/L	0.0200	0.0200	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
8001-35-2	Toxaphene	ND		ug/L	0.500	0.500	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:51	SA
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	197 %	GC-Sur			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	128 %	r			30-150					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 12:53	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 12:53	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 12:53	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 12:53	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 12:53	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 12:53	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 12:53	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0500	0.0500	1	EPA 8082A Certifications:	02/15/2017 06:53	02/17/2017 12:53	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	15.5 %	GC-Sur			30-120					
			r								



Sample Information

Client Sample ID: GW-7

York Sample ID: 17B0385-05

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 11:45 am

Date Received
02/10/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	30.5 %				30-120					

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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	4.17		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:26	KV
7440-39-3	Barium	0.208		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:26	KV
7440-41-7	Beryllium	ND		mg/L	0.00100	0.00100	1	EPA 6010C Certifications: NELAC-NY10854,NJDEP	02/13/2017 12:50	02/13/2017 16:26	KV
7440-70-2	Calcium	77.8		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:26	KV
7440-47-3	Chromium	0.0153		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:26	KV
7440-50-8	Copper	0.0591		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:26	KV
7439-89-6	Iron	30.4		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:26	KV
7439-92-1	Lead	0.0748		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:26	KV
7439-95-4	Magnesium	7.30	B	mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:26	KV
7439-96-5	Manganese	1.39		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:26	KV
7440-02-0	Nickel	0.0283		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:26	KV
7440-09-7	Potassium	15.3		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:26	KV
7782-49-2	Selenium	0.0278		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:26	KV
7440-22-4	Silver	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:26	KV
7440-23-5	Sodium	130		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:26	KV
7440-62-2	Vanadium	ND		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:26	KV
7440-66-6	Zinc	0.820		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:26	KV

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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: GW-7

York Sample ID: 17B0385-05

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 11:45 am

Date Received
02/10/2017

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:58	ALD
7440-39-3	Barium	0.175		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:58	ALD
7440-41-7	Beryllium	ND		mg/L	0.00111	0.00111	1	EPA 6010C Certifications: NELAC-NY10854,NJDEP	02/14/2017 07:21	02/14/2017 09:58	ALD
7440-70-2	Calcium	115		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:58	ALD
7440-47-3	Chromium	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:58	ALD
7440-50-8	Copper	0.00877		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:58	ALD
7439-89-6	Iron	0.331		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:58	ALD
7439-92-1	Lead	ND		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:58	ALD
7439-95-4	Magnesium	10.1		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:58	ALD
7439-96-5	Manganese	1.95		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:58	ALD
7440-02-0	Nickel	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:58	ALD
7440-09-7	Potassium	22.2		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:58	ALD
7782-49-2	Selenium	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:58	ALD
7440-22-4	Silver	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:58	ALD
7440-23-5	Sodium	200		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:58	ALD
7440-62-2	Vanadium	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:58	ALD
7440-66-6	Zinc	0.0270		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 09:58	ALD

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:34	KV
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:34	KV



Sample Information

Client Sample ID: GW-7

York Sample ID: 17B0385-05

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 11:45 am

Date Received
02/10/2017

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:34	KV
7439-98-7	Molybdenum	13.0		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:34	KV
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:34	KV

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:34	KV
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:34	KV
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:34	KV
7439-98-7	Molybdenum	13.0		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:34	KV
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:34	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/11/2017 09:45	02/12/2017 07:29	ALD

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/11/2017 09:45	02/12/2017 07:29	ALD

Sample Information

Client Sample ID: GW-3

York Sample ID: 17B0385-06

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 12:00 pm

Date Received
02/10/2017



Sample Information

Client Sample ID: GW-3

York Sample ID: 17B0385-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0385

1700655

Water

February 8, 2017 12:00 pm

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
95-63-6	1,2,4-Trimethylbenzene	240		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/14/2017 12:00	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
108-67-8	1,3,5-Trimethylbenzene	45		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/14/2017 12:00	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
78-93-3	2-Butanone	5.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK



Sample Information

Client Sample ID: GW-3

York Sample ID: 17B0385-06

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 12:00 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
67-64-1	Acetone	8.7	B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
71-43-2	Benzene	0.72		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
75-15-0	Carbon disulfide	2.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
75-00-3	Chloroethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
156-59-2	cis-1,2-Dichloroethylene	0.32	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
110-82-7	Cyclohexane	32		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK



Sample Information

Client Sample ID: GW-3

York Sample ID: 17B0385-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0385

1700655

Water

February 8, 2017 12:00 pm

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	150		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/14/2017 12:00	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
98-82-8	Isopropylbenzene	36		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
108-87-2	Methylcyclohexane	35		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
104-51-8	n-Butylbenzene	22		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
103-65-1	n-Propylbenzene	48		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/14/2017 12:00	BK
95-47-6	o-Xylene	12		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/13/2017 08:15	02/13/2017 14:39	BK
179601-23-1	p- & m- Xylenes	230		ug/L	10	20	20	EPA 8260C Certifications: NELAC-NY10854	02/13/2017 08:15	02/14/2017 12:00	BK
99-87-6	p-Isopropyltoluene	3.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
135-98-8	sec-Butylbenzene	6.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
98-06-6	tert-Butylbenzene	0.76		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
108-88-3	Toluene	1.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:39	BK



Sample Information

Client Sample ID: GW-3

York Sample ID: 17B0385-06

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 12:00 pm

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	02/13/2017 08:15	02/13/2017 14:39	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1330-20-7	* Xylenes, Total	240		ug/L	12	30	20	EPA 8260C	02/13/2017 08:15	02/14/2017 12:00	BK
								Certifications:	CTDOH,NJDEP		
	Surrogate Recoveries	Result						Acceptance Range			
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	87.1 %						69-130			
2037-26-5	Surrogate: Toluene-d8	96.8 %						81-117			
460-00-4	Surrogate: p-Bromofluorobenzene	102 %						79-122			

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.60	5.26	1	EPA 8270D	02/15/2017 11:47	02/16/2017 20:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.62	5.26	1	EPA 8270D	02/15/2017 11:47	02/16/2017 20:34	KH
								Certifications:	NELAC-NY10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.75	5.26	1	EPA 8270D	02/15/2017 11:47	02/16/2017 20:34	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.33	5.26	1	EPA 8270D	02/15/2017 11:47	02/16/2017 20:34	KH
								Certifications:	NELAC-NY10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270D	02/15/2017 11:47	02/16/2017 20:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270D	02/15/2017 11:47	02/16/2017 20:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.32	5.26	1	EPA 8270D	02/15/2017 11:47	02/16/2017 20:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	13.4		ug/L	2.91	5.26	1	EPA 8270D	02/15/2017 11:47	02/16/2017 20:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270D	02/15/2017 11:47	02/16/2017 20:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.34	5.26	1	EPA 8270D	02/15/2017 11:47	02/16/2017 20:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270D	02/15/2017 11:47	02/16/2017 20:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.40	5.26	1	EPA 8270D	02/15/2017 11:47	02/16/2017 20:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	3.14	5.26	1	EPA 8270D	02/15/2017 11:47	02/16/2017 20:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.58	5.26	1	EPA 8270D	02/15/2017 11:47	02/16/2017 20:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: GW-3

York Sample ID: 17B0385-06

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 12:00 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.82	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 20:34	KH
83-32-9	Acenaphthene	0.0842		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 15:03	SR
208-96-8	Acenaphthylene	0.0526	J	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 15:03	SR
62-53-3	Aniline	ND		ug/L	1.58	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 20:34	KH
120-12-7	Anthracene	0.0842		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 15:03	SR
56-55-3	Benzo(a)anthracene	0.116		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 15:03	SR
50-32-8	Benzo(a)pyrene	0.232		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 15:03	SR
205-99-2	Benzo(b)fluoranthene	0.200		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 15:03	SR
191-24-2	Benzo(g,h,i)perylene	0.126		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 15:03	SR
207-08-9	Benzo(k)fluoranthene	0.200		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 15:03	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.897	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 20:34	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.86	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 20:34	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.58	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 20:34	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.15	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 20:34	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 15:03	SR
86-74-8	Carbazole	ND		ug/L	1.38	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 20:34	KH
218-01-9	Chrysene	0.147		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 15:03	SR
53-70-3	Dibenzo(a,h)anthracene	0.0526	J	ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 15:03	SR
132-64-9	Dibenzofuran	ND		ug/L	2.54	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 20:34	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.69	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 20:34	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.01	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 20:34	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.16	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 20:34	KH



Sample Information

Client Sample ID: GW-3

York Sample ID: 17B0385-06

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 12:00 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.18	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 20:34	KH
206-44-0	Fluoranthene	0.189		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 15:03	SR
86-73-7	Fluorene	0.200		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 15:03	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 15:03	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 15:03	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.66	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 20:34	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 15:03	SR
193-39-5	Indeno(1,2,3-cd)pyrene	0.105		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 15:03	SR
78-59-1	Isophorone	ND		ug/L	2.82	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 20:34	KH
91-20-3	Naphthalene	24.0		ug/L	0.0526	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 20:34	KH
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 15:03	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 20:34	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.69	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 20:34	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.26	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 20:34	KH
85-01-8	Phenanthrene	0.253		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 15:03	SR
129-00-0	Pyrene	0.232		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 15:03	SR
110-86-1	Pyridine	ND		ug/L	4.12	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 20:34	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	47.6 %	12-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	45.1 %	16-84								
1718-51-0	Surrogate: Terphenyl-d14	41.7 %	15-106								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615										
www.YORKLAB.com	(203) 325-1371										
132-02 89th AVENUE											
FAX (203) 357-0166											
RICHMOND HILL, NY 11418											
ClientServices@yorklab.com											



Sample Information

Client Sample ID: GW-3

York Sample ID: 17B0385-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0385

1700655

Water

February 8, 2017 12:00 pm

02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
309-00-2	Aldrin	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
319-84-6	alpha-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
319-85-7	beta-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
57-74-9	Chlordane, total	ND		ug/L	0.0211	0.0211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
319-86-8	delta-BHC	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
60-57-1	Dieldrin	ND		ug/L	0.00211	0.00211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
959-98-8	Endosulfan I	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
72-20-8	Endrin	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0105	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
76-44-8	Heptachlor	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
72-43-5	Methoxychlor	ND		ug/L	0.00421	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA



Sample Information

Client Sample ID: GW-3

York Sample ID: 17B0385-06

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 12:00 pm

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.105	0.105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:03	SA
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	47.7 %		30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	28.5 %	GC-Sur r	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:26	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:26	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:26	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:26	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:26	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:26	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:26	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0526	0.0526	1	EPA 8082A Certifications:	02/15/2017 06:53	02/17/2017 13:26	SA
Surrogate Recoveries		Result		Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	43.0 %		30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	71.0 %		30-120							

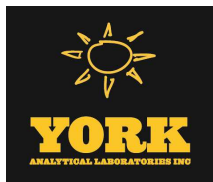
Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	1.95		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:31	KV
7440-39-3	Barium	0.174		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:31	KV
7440-41-7	Beryllium	ND		mg/L	0.00100	0.00100	1	EPA 6010C Certifications: NELAC-NY10854,NJDEP	02/13/2017 12:50	02/13/2017 16:31	KV



Sample Information

Client Sample ID: GW-3

York Sample ID: 17B0385-06

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 12:00 pm

Date Received

02/10/2017

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	74.8		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:31	KV
7440-47-3	Chromium	0.00801		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:31	KV
7440-50-8	Copper	0.0423		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:31	KV
7439-89-6	Iron	22.7		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:31	KV
7439-92-1	Lead	0.0406		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:31	KV
7439-95-4	Magnesium	6.51	B	mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:31	KV
7439-96-5	Manganese	1.23		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:31	KV
7440-02-0	Nickel	0.0214		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:31	KV
7440-09-7	Potassium	14.9		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:31	KV
7782-49-2	Selenium	0.0221		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:31	KV
7440-22-4	Silver	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:31	KV
7440-23-5	Sodium	130		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:31	KV
7440-62-2	Vanadium	ND		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:31	KV
7440-66-6	Zinc	0.449		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:31	KV

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:03	ALD
7440-39-3	Barium	0.176		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:03	ALD
7440-41-7	Beryllium	ND		mg/L	0.00111	0.00111	1	EPA 6010C Certifications: NELAC-NY10854,NJDEP	02/14/2017 07:21	02/14/2017 10:03	ALD
7440-70-2	Calcium	114		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:03	ALD
7440-47-3	Chromium	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:03	ALD
7440-50-8	Copper	0.00798		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:03	ALD



Sample Information

Client Sample ID: GW-3

York Sample ID: 17B0385-06

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 12:00 pm

Date Received

02/10/2017

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.0907		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:03	ALD
7439-92-1	Lead	0.00377		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:03	ALD
7439-95-4	Magnesium	9.79		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:03	ALD
7439-96-5	Manganese	1.94		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:03	ALD
7440-02-0	Nickel	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:03	ALD
7440-09-7	Potassium	22.3		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:03	ALD
7782-49-2	Selenium	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:03	ALD
7440-22-4	Silver	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:03	ALD
7440-23-5	Sodium	198		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:03	ALD
7440-62-2	Vanadium	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:03	ALD
7440-66-6	Zinc	0.0267		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:03	ALD

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:54	KV
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:54	KV
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:54	KV
7439-98-7	Molybdenum	12.9		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:54	KV
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 16:54	KV

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:54	KV



Sample Information

Client Sample ID: GW-3

York Sample ID: 17B0385-06

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 12:00 pm

Date Received
02/10/2017

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:54	KV
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:54	KV
7439-98-7	Molybdenum	12.9		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:54	KV
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 16:54	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/11/2017 09:45	02/12/2017 07:29	ALD

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/11/2017 09:45	02/12/2017 07:29	ALD

Sample Information

Client Sample ID: GW-4

York Sample ID: 17B0385-07

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 2:00 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK



Sample Information

Client Sample ID: GW-4

York Sample ID: 17B0385-07

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 2:00 pm

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
95-63-6	1,2,4-Trimethylbenzene	7.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
108-67-8	1,3,5-Trimethylbenzene	4.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
67-64-1	Acetone	2.5	B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK



Sample Information

Client Sample ID: GW-4

York Sample ID: 17B0385-07

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 2:00 pm

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
71-43-2	Benzene	0.74		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
75-15-0	Carbon disulfide	3.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
75-00-3	Chloroethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
110-82-7	Cyclohexane	4.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
100-41-4	Ethyl Benzene	6.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
98-82-8	Isopropylbenzene	0.71		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK



Sample Information

Client Sample ID: GW-4

York Sample ID: 17B0385-07

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 2:00 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
108-87-2	Methylcyclohexane	1.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
103-65-1	n-Propylbenzene	0.99		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
95-47-6	o-Xylene	1.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/13/2017 08:15	02/13/2017 14:12	BK
179601-23-1	p- & m- Xylenes	7.4		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	02/13/2017 08:15	02/13/2017 14:12	BK
99-87-6	p-Isopropyltoluene	3.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
135-98-8	sec-Butylbenzene	0.66		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
75-65-0	tert-Butyl alcohol (TBA)	1.5	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
108-88-3	Toluene	0.62		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
1330-20-7	* Xylenes, Total	9.3		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	02/13/2017 08:15	02/13/2017 14:12	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	69-130								
2037-26-5	Surrogate: Toluene-d8	96.9 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	99.4 %	79-122								



Sample Information

Client Sample ID: GW-4

York Sample ID: 17B0385-07

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 2:00 pm

Date Received

02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	26.0	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	26.2	52.6	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	27.5	52.6	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	23.3	52.6	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	16.9	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	16.9	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	23.2	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	29.1	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
88-74-4	2-Nitroaniline	ND		ug/L	17.7	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	13.4	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
99-09-2	3-Nitroaniline	ND		ug/L	17.7	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	14.0	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
106-47-8	4-Chloroaniline	ND		ug/L	31.4	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	25.8	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
100-01-6	4-Nitroaniline	ND		ug/L	28.2	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
83-32-9	Acenaphthene	ND		ug/L	0.526	0.526	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
208-96-8	Acenaphthylene	ND		ug/L	0.526	0.526	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
62-53-3	Aniline	ND		ug/L	15.8	52.6	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
120-12-7	Anthracene	ND		ug/L	0.526	0.526	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.526	0.526	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.526	0.526	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH



Sample Information

Client Sample ID: GW-4

York Sample ID: 17B0385-07

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 2:00 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.526	0.526	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.526	0.526	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.526	0.526	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	8.97	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	18.6	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	15.8	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	31.5	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	5.26	5.26	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
86-74-8	Carbazole	ND		ug/L	13.8	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
218-01-9	Chrysene	ND		ug/L	0.526	0.526	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.526	0.526	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
132-64-9	Dibenzofuran	ND		ug/L	25.4	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
84-66-2	Diethyl phthalate	ND		ug/L	26.9	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
131-11-3	Dimethyl phthalate	ND		ug/L	20.1	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	21.6	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	11.8	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
206-44-0	Fluoranthene	ND		ug/L	0.526	0.526	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
86-73-7	Fluorene	ND		ug/L	0.526	0.526	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.211	0.211	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	5.26	5.26	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	26.6	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH



Sample Information

Client Sample ID: GW-4

York Sample ID: 17B0385-07

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 2:00 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-72-1	Hexachloroethane	ND		ug/L	5.26	5.26	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.526	0.526	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
78-59-1	Isophorone	ND		ug/L	28.2	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
91-20-3	Naphthalene	ND		ug/L	0.526	0.526	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
98-95-3	Nitrobenzene	ND		ug/L	2.63	2.63	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	5.26	5.26	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	26.9	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	52.6	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
85-01-8	Phenanthrene	ND		ug/L	0.526	0.526	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
129-00-0	Pyrene	5.79		ug/L	0.526	0.526	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
110-86-1	Pyridine	ND		ug/L	41.2	52.6	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:07	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	88.5 %	12-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	62.9 %	16-84								
1718-51-0	Surrogate: Terphenyl-d14	52.5 %	15-106								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
309-00-2	Aldrin	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
319-84-6	alpha-BHC	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA



Sample Information

Client Sample ID: GW-4

York Sample ID: 17B0385-07

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 2:00 pm

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5103-71-9	alpha-Chlordane	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
319-85-7	beta-BHC	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
57-74-9	Chlordane, total	ND		ug/L	0.0267	0.0267	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
319-86-8	delta-BHC	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
60-57-1	Dieldrin	ND		ug/L	0.00267	0.00267	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
959-98-8	Endosulfan I	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
72-20-8	Endrin	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0133	0.0133	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0133	0.0133	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0133	0.0133	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
76-44-8	Heptachlor	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
72-43-5	Methoxychlor	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
8001-35-2	Toxaphene	ND		ug/L	0.133	0.133	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:13	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	15.5 %	GC-Sur	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	83.5 %	r	30-150							



Sample Information

Client Sample ID: GW-4

York Sample ID: 17B0385-07

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 2:00 pm

Date Received
02/10/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0667	0.0667	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:41	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0667	0.0667	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:41	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0667	0.0667	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:41	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0667	0.0667	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:41	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0667	0.0667	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:41	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0667	0.0667	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:41	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0667	0.0667	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:41	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0667	0.0667	1	EPA 8082A Certifications:	02/15/2017 06:53	02/17/2017 13:41	SA
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	44.5 %	30-120								
2051-24-3	Surrogate: Decachlorobiphenyl	71.0 %	30-120								

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.750		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:36	KV
7440-39-3	Barium	0.243		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:36	KV
7440-41-7	Beryllium	ND		mg/L	0.00100	0.00100	1	EPA 6010C Certifications: NELAC-NY10854,NJDEP	02/13/2017 12:50	02/13/2017 16:36	KV
7440-70-2	Calcium	125		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:36	KV
7440-47-3	Chromium	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:36	KV
7440-50-8	Copper	0.0250		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:36	KV
7439-89-6	Iron	59.3		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:36	KV
7439-92-1	Lead	0.0912		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:36	KV
7439-95-4	Magnesium	18.2	B	mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:36	KV



Sample Information

Client Sample ID: GW-4

York Sample ID: 17B0385-07

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 2:00 pm

Date Received
02/10/2017

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	3.77		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:36	KV
7440-02-0	Nickel	0.0387		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:36	KV
7440-09-7	Potassium	14.5		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:36	KV
7782-49-2	Selenium	0.0195		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:36	KV
7440-22-4	Silver	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:36	KV
7440-23-5	Sodium	76.1		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:36	KV
7440-62-2	Vanadium	ND		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:36	KV
7440-66-6	Zinc	0.496		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:36	KV

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:08	ALD
7440-39-3	Barium	0.136		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:08	ALD
7440-41-7	Beryllium	ND		mg/L	0.00111	0.00111	1	EPA 6010C Certifications: NELAC-NY10854,NJDEP	02/14/2017 07:21	02/14/2017 10:08	ALD
7440-70-2	Calcium	174		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:08	ALD
7440-47-3	Chromium	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:08	ALD
7440-50-8	Copper	0.00955		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:08	ALD
7439-89-6	Iron	0.965		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:08	ALD
7439-92-1	Lead	ND		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:08	ALD
7439-95-4	Magnesium	26.9		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:08	ALD
7439-96-5	Manganese	5.23		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:08	ALD
7440-02-0	Nickel	0.00586		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:08	ALD
7440-09-7	Potassium	21.5		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:08	ALD



Sample Information

Client Sample ID: GW-4

York Sample ID: 17B0385-07

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 2:00 pm

Date Received

02/10/2017

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:08	ALD
7440-22-4	Silver	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:08	ALD
7440-23-5	Sodium	116		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:08	ALD
7440-62-2	Vanadium	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:08	ALD
7440-66-6	Zinc	0.0155		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:08	ALD

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 17:14	KV
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 17:14	KV
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 17:14	KV
7439-98-7	Molybdenum	11.4		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 17:14	KV
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 17:14	KV

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 17:14	KV
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 17:14	KV
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 17:14	KV
7439-98-7	Molybdenum	11.4		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 17:14	KV
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 17:14	KV



Sample Information

Client Sample ID: GW-4

York Sample ID: 17B0385-07

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 2:00 pm

Date Received
02/10/2017

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/11/2017 09:45	02/12/2017 07:29	ALD

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/11/2017 09:45	02/12/2017 07:29	ALD

Sample Information

Client Sample ID: GW-8

York Sample ID: 17B0385-08

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 3:30 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK



Sample Information

Client Sample ID: GW-8

York Sample ID: 17B0385-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0385

1700655

Water

February 8, 2017 3:30 pm

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	8.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
108-67-8	1,3,5-Trimethylbenzene	5.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
78-93-3	2-Butanone	0.80		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
67-64-1	Acetone	2.4	B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
71-43-2	Benzene	0.66		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
75-15-0	Carbon disulfide	6.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK



Sample Information

Client Sample ID: GW-8

York Sample ID: 17B0385-08

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 3:30 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
75-00-3	Chloroethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
110-82-7	Cyclohexane	5.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
100-41-4	Ethyl Benzene	7.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
98-82-8	Isopropylbenzene	0.82		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
108-87-2	Methylcyclohexane	1.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
103-65-1	n-Propylbenzene	1.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
95-47-6	o-Xylene	2.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/13/2017 08:15	02/13/2017 13:44	BK
179601-23-1	p- & m- Xylenes	8.0		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	02/13/2017 08:15	02/13/2017 13:44	BK



Sample Information

Client Sample ID: GW-8

York Sample ID: 17B0385-08

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 3:30 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	3.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
135-98-8	sec-Butylbenzene	0.83		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
75-65-0	tert-Butyl alcohol (TBA)	1.3	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
108-88-3	Toluene	0.53		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
1330-20-7	* Xylenes, Total	10		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	02/13/2017 08:15	02/13/2017 13:44	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.3 %	69-130								
2037-26-5	Surrogate: Toluene-d8	99.1 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	102 %	79-122								

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	159	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	161	323	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	168	323	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	143	323	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH



Sample Information

Client Sample ID: GW-8

York Sample ID: 17B0385-08

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 3:30 pm

Date Received

02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/L	104	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	104	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	142	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	178	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
88-74-4	2-Nitroaniline	ND		ug/L	108	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	81.9	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
99-09-2	3-Nitroaniline	ND		ug/L	108	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	85.8	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
106-47-8	4-Chloroaniline	ND		ug/L	192	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	158	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
100-01-6	4-Nitroaniline	ND		ug/L	173	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
83-32-9	Acenaphthene	ND		ug/L	3.23	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
208-96-8	Acenaphthylene	ND		ug/L	3.23	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
62-53-3	Aniline	ND		ug/L	96.8	323	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
120-12-7	Anthracene	ND		ug/L	3.23	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	3.23	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	3.23	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	3.23	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	3.23	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	3.23	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	55.0	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH



Sample Information

Client Sample ID: GW-8

York Sample ID: 17B0385-08

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 3:30 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	114	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	96.8	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	193	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	32.3	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
86-74-8	Carbazole	ND		ug/L	84.5	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
218-01-9	Chrysene	ND		ug/L	3.23	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	3.23	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
132-64-9	Dibenzofuran	ND		ug/L	155	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
84-66-2	Diethyl phthalate	ND		ug/L	165	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
131-11-3	Dimethyl phthalate	ND		ug/L	123	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	132	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	72.3	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
206-44-0	Fluoranthene	41.9	J	ug/L	3.23	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
86-73-7	Fluorene	ND		ug/L	3.23	323	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
118-74-1	Hexachlorobenzene	ND		ug/L	1.29	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	32.3	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	163	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
67-72-1	Hexachloroethane	ND		ug/L	32.3	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	3.23	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
78-59-1	Isophorone	ND		ug/L	173	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
91-20-3	Naphthalene	ND		ug/L	3.23	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH



Sample Information

Client Sample ID: GW-8

York Sample ID: 17B0385-08

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 3:30 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/L	16.1	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	32.3	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	165	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	323	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
85-01-8	Phenanthrene	ND		ug/L	3.23	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
129-00-0	Pyrene	199	J	ug/L	3.23	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
110-86-1	Pyridine	ND		ug/L	252	323	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 21:40	KH
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: Nitrobenzene-d5	89.1 %			12-96						
321-60-8	Surrogate: 2-Fluorobiphenyl	86.1 %	S-08		16-84						
1718-51-0	Surrogate: Terphenyl-d14	46.9 %			15-106						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
309-00-2	Aldrin	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
319-84-6	alpha-BHC	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
319-85-7	beta-BHC	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
57-74-9	Chlordane, total	ND		ug/L	0.0267	0.0267	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
319-86-8	delta-BHC	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA



Sample Information

Client Sample ID: GW-8

York Sample ID: 17B0385-08

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 3:30 pm

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/L	0.00267	0.00267	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
959-98-8	Endosulfan I	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
33213-65-9	Endosulfan II	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
72-20-8	Endrin	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0133	0.0133	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0133	0.0133	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0133	0.0133	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
76-44-8	Heptachlor	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
72-43-5	Methoxychlor	ND		ug/L	0.00533	0.00533	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
8001-35-2	Toxaphene	ND		ug/L	0.133	0.133	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 15:26	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	44.9 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	87.2 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0667	0.0667	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:57	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0667	0.0667	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:57	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0667	0.0667	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:57	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0667	0.0667	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:57	SA



Sample Information

Client Sample ID: GW-8

York Sample ID: 17B0385-08

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 3:30 pm

Date Received
02/10/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/L	0.0667	0.0667	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:57	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0667	0.0667	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:57	SA
11096-82-5	Aroclor 1260	ND		ug/L	0.0667	0.0667	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/17/2017 13:57	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0667	0.0667	1	EPA 8082A Certifications:	02/15/2017 06:53	02/17/2017 13:57	SA
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	40.0 %				30-120					
2051-24-3	Surrogate: Decachlorobiphenyl	21.5 %	GC-Sur			30-120					

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	1.25		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:41	KV
7440-39-3	Barium	0.242		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:41	KV
7440-41-7	Beryllium	ND		mg/L	0.00100	0.00100	1	EPA 6010C Certifications: NELAC-NY10854,NJDEP	02/13/2017 12:50	02/13/2017 16:41	KV
7440-70-2	Calcium	130		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:41	KV
7440-47-3	Chromium	0.00563		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:41	KV
7440-50-8	Copper	0.0501		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:41	KV
7439-89-6	Iron	55.9		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:41	KV
7439-92-1	Lead	0.0912		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:41	KV
7439-95-4	Magnesium	19.0	B	mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:41	KV
7439-96-5	Manganese	3.91		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:41	KV
7440-02-0	Nickel	0.0381		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:41	KV
7440-09-7	Potassium	15.2		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:41	KV
7782-49-2	Selenium	0.0202		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:41	KV



Sample Information

Client Sample ID: GW-8

York Sample ID: 17B0385-08

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 3:30 pm

Date Received
02/10/2017

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:41	KV
7440-23-5	Sodium	78.7		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:41	KV
7440-62-2	Vanadium	ND		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:41	KV
7440-66-6	Zinc	0.396		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:41	KV

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:13	ALD
7440-39-3	Barium	0.139		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:13	ALD
7440-41-7	Beryllium	ND		mg/L	0.00111	0.00111	1	EPA 6010C Certifications: NELAC-NY10854,NJDEP	02/14/2017 07:21	02/14/2017 10:13	ALD
7440-70-2	Calcium	174		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:13	ALD
7440-47-3	Chromium	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:13	ALD
7440-50-8	Copper	0.00959		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:13	ALD
7439-89-6	Iron	2.02		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:13	ALD
7439-92-1	Lead	ND		mg/L	0.00333	0.00333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:13	ALD
7439-95-4	Magnesium	27.0		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:13	ALD
7439-96-5	Manganese	5.27		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:13	ALD
7440-02-0	Nickel	0.00605		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:13	ALD
7440-09-7	Potassium	21.8		mg/L	0.0556	0.0556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:13	ALD
7782-49-2	Selenium	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:13	ALD
7440-22-4	Silver	ND		mg/L	0.00556	0.00556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:13	ALD
7440-23-5	Sodium	113		mg/L	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:13	ALD
7440-62-2	Vanadium	ND		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:13	ALD



Sample Information

Client Sample ID: GW-8

York Sample ID: 17B0385-08

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 3:30 pm

Date Received
02/10/2017

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	0.0229		mg/L	0.0111	0.0111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/14/2017 07:21	02/14/2017 10:13	ALD

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 17:21	KV
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 17:21	KV
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 17:21	KV
7439-98-7	Molybdenum	16.7		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 17:21	KV
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 07:04	02/16/2017 17:21	KV

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 17:21	KV
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 17:21	KV
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 17:21	KV
7439-98-7	Molybdenum	16.7		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 17:21	KV
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 19:06	02/16/2017 17:21	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/11/2017 09:45	02/12/2017 07:29	ALD



Sample Information

Client Sample ID: GW-8

York Sample ID: 17B0385-08

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 3:30 pm

Date Received
02/10/2017

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/11/2017 09:45	02/12/2017 07:29	ALD

Sample Information

Client Sample ID: GW-RB

York Sample ID: 17B0385-09

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 2:30 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK



Sample Information

Client Sample ID: GW-RB

York Sample ID: 17B0385-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0385

1700655

Water

February 8, 2017 2:30 pm

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
67-64-1	Acetone	2.8	B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
107-02-8	Acrolein	0.43	J, B	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
75-00-3	Chloroethane	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK



Sample Information

Client Sample ID: GW-RB

York Sample ID: 17B0385-09

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 2:30 pm

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/13/2017 08:15	02/13/2017 13:16	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	02/13/2017 08:15	02/13/2017 13:16	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK



Sample Information

Client Sample ID: GW-RB

York Sample ID: 17B0385-09

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 2:30 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	1.3	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	02/13/2017 08:15	02/13/2017 13:16	BK
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: Toluene-d8	97.2 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	98.3 %	79-122								

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.67	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.69	5.41	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.82	5.41	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.39	5.41	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.74	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.74	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH



Sample Information

Client Sample ID: GW-RB

York Sample ID: 17B0385-09

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 2:30 pm

Date Received

02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	2.38	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.98	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
88-74-4	2-Nitroaniline	ND		ug/L	1.82	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.37	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
99-09-2	3-Nitroaniline	ND		ug/L	1.82	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.44	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
106-47-8	4-Chloroaniline	ND		ug/L	3.22	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.65	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.90	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
83-32-9	Acenaphthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
62-53-3	Aniline	ND		ug/L	1.62	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
120-12-7	Anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.921	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.91	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.62	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH



Sample Information

Client Sample ID: GW-RB

York Sample ID: 17B0385-09

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 2:30 pm

Date Received
02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.23	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
86-74-8	Carbazole	ND		ug/L	1.42	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
218-01-9	Chrysene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
132-64-9	Dibenzofuran	ND		ug/L	2.61	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.77	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.06	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.22	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.21	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
206-44-0	Fluoranthene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
86-73-7	Fluorene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	0.0216	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.74	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
78-59-1	Isophorone	ND		ug/L	2.90	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
91-20-3	Naphthalene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
98-95-3	Nitrobenzene	ND		ug/L	0.270	0.270	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	0.541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH



Sample Information

Client Sample ID: GW-RB

York Sample ID: 17B0385-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0385

1700655

Water

February 8, 2017 2:30 pm

02/10/2017

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.77	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.41	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
85-01-8	Phenanthrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
129-00-0	Pyrene	ND		ug/L	0.0541	0.0541	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 11:43	SR
110-86-1	Pyridine	ND		ug/L	4.23	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 11:47	02/16/2017 17:17	KH
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: Nitrobenzene-d5	58.8 %	12-96								
321-60-8	Surrogate: 2-Fluorobiphenyl	64.8 %	16-84								
1718-51-0	Surrogate: Terphenyl-d14	65.7 %	15-106								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
72-55-9	4,4'-DDE	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
50-29-3	4,4'-DDT	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
309-00-2	Aldrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
319-84-6	alpha-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
319-85-7	beta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
57-74-9	Chlordane, total	ND		ug/L	0.0222	0.0222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
319-86-8	delta-BHC	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
60-57-1	Dieldrin	ND		ug/L	0.00222	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
959-98-8	Endosulfan I	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA



Sample Information

Client Sample ID: GW-RB

York Sample ID: 17B0385-09

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 2:30 pm

Date Received
02/10/2017

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
72-20-8	Endrin	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
53494-70-5	Endrin ketone	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
76-44-8	Heptachlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
72-43-5	Methoxychlor	ND		ug/L	0.00444	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
8001-35-2	Toxaphene	ND		ug/L	0.111	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2017 06:53	02/15/2017 21:46	SA
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	50.7 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	34.0 %	30-150								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0556	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/16/2017 17:17	SA
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/16/2017 17:17	SA
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/16/2017 17:17	SA
53469-21-9	Aroclor 1242	ND		ug/L	0.0556	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/16/2017 17:17	SA
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/16/2017 17:17	SA
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/16/2017 17:17	SA



Sample Information

Client Sample ID: GW-RB

York Sample ID: 17B0385-09

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 2:30 pm

Date Received
02/10/2017

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2017 06:53	02/16/2017 17:17	SA
1336-36-3	* Total PCBs	ND		ug/L	0.0556	0.0556	1	EPA 8082A Certifications:	02/15/2017 06:53	02/16/2017 17:17	SA
Surrogate Recoveries		Result			Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	48.5 %									
2051-24-3	Surrogate: Decachlorobiphenyl	78.0 %									

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:46	KV
7440-39-3	Barium	ND		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:46	KV
7440-41-7	Beryllium	ND		mg/L	0.00100	0.00100	1	EPA 6010C Certifications: NELAC-NY10854,NJDEP	02/13/2017 12:50	02/13/2017 16:46	KV
7440-70-2	Calcium	0.0754		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:46	KV
7440-47-3	Chromium	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:46	KV
7440-50-8	Copper	ND		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:46	KV
7439-89-6	Iron	0.174		mg/L	0.0200	0.0200	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:46	KV
7439-92-1	Lead	ND		mg/L	0.00300	0.00300	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:46	KV
7439-95-4	Magnesium	ND		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:46	KV
7439-96-5	Manganese	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:46	KV
7440-02-0	Nickel	0.0103		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:46	KV
7440-09-7	Potassium	ND		mg/L	0.0500	0.0500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:46	KV
7782-49-2	Selenium	ND		mg/L	0.0100	0.0100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:46	KV
7440-22-4	Silver	ND		mg/L	0.00500	0.00500	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:46	KV
7440-23-5	Sodium	0.795		mg/L	0.100	0.100	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/13/2017 12:50	02/13/2017 16:46	KV



Sample Information

Client Sample ID: GW-RB

York Sample ID: 17B0385-09

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 2:30 pm

Date Received
02/10/2017

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.0100	0.0100	1	EPA 6010C	02/13/2017 12:50	02/13/2017 16:46	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	0.0137		mg/L	0.0100	0.0100	1	EPA 6010C	02/13/2017 12:50	02/13/2017 16:46	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	2.22	2.22	2	EPA 6020A	02/13/2017 07:04	02/16/2017 21:19	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		ug/L	2.22	2.22	2	EPA 6020A	02/13/2017 07:04	02/16/2017 21:19	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	1.11	1.11	2	EPA 6020A	02/13/2017 07:04	02/16/2017 21:19	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-98-7	Molybdenum	ND		ug/L	2.22	2.22	2	EPA 6020A	02/13/2017 07:04	02/16/2017 21:19	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	2.22	2.22	2	EPA 6020A	02/13/2017 07:04	02/16/2017 21:19	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473	02/11/2017 09:45	02/12/2017 07:29	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: TB

York Sample ID: 17B0385-10

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2017 11:50	02/11/2017 21:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		



Sample Information

Client Sample ID: TB

York Sample ID: 17B0385-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0385

1700655

Water

February 8, 2017 3:00 pm

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS



Sample Information

Client Sample ID: TB

York Sample ID: 17B0385-10

York Project (SDG) No.
17B0385

Client Project ID
1700655

Matrix
Water

Collection Date/Time
February 8, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS



Sample Information

Client Sample ID: TB

York Sample ID: 17B0385-10

York Project (SDG) No.

17B0385

Client Project ID

1700655

Matrix

Water

Collection Date/Time

February 8, 2017 3:00 pm

Date Received

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	02/11/2017 11:50	02/11/2017 21:51	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	02/11/2017 11:50	02/11/2017 21:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	02/11/2017 11:50	02/11/2017 21:51	SS



Sample Information

Client Sample ID: TB

York Sample ID: 17B0385-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0385

1700655

Water

February 8, 2017 3:00 pm

02/10/2017

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2017 11:50	02/11/2017 21:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	02/11/2017 11:50	02/11/2017 21:51	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	02/11/2017 11:50	02/11/2017 21:51	SS
								Certifications:	CTDOH,NJDEP		
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %		69-130							
2037-26-5	Surrogate: Toluene-d8	101 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	95.4 %		79-122							



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17B0385-01	GW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17B0385-02	GW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17B0385-03	GW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17B0385-04	GW-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17B0385-05	GW-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17B0385-06	GW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17B0385-07	GW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17B0385-08	GW-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17B0385-09	GW-RB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17B0385-10	TB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Notes and Definitions

S-08	The recovery of this surrogate was outside of QC limits.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-CCBNS	Analyte in CCB above MDL. Not detected in samples.
M-BLKNS	Analyte in M-Blk above MDL. Not detected in samples.
M-BCCB	Analyte in CCB > MDL. Sample conc. >10 X blank conc.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.



Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to correct the SVOA reporting list.



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. 17B0385

YOUR Information Company: <u>GETCOWS HARTS</u> Address: <u>110 WOLF WHITMAN</u> <u>Hartford, CT 06105</u> Phone No: <u>(860) 259-2973</u> Contact Person: <u>NRECHAPAGEI</u> E-Mail Address: <u>COUSW.HARTS@GMAIL.COM</u>		Report To: Company: <u>SAK</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>EMAIL</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR Project ID <u>1700655</u> Purchase Order No. <u>1700655</u>		Turn-Around Time RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard (5-7 Days) ☒		Report Type Summary Report ☒ Summary w/ QA Summary ☐ CT RCP Package ☐ CTRCP DQA/DUE Pkg ☒ NY ASP A Package ☒ NY ASP B Package ☐ NUDEP Red. Deliv. ☐ <i>Electronic Data Deliverables (EDD)</i> Simple Excel ☒ NYSDEC EQuIS ☐ EQuIS (std) ☐ EZ-EDD (EQuIS) ☐ NUDEP SRP HazSite EDD ☐ GIS/KEY (std) ☐ Other ☐ York Regulatory Comparison ☒ Excel Spreadsheet ☒ Compare to the following Regs. (please fill in): <u>NYSDR HWQ</u> <u>TGS 1.1.1</u>	

Print Clearly and Legibly. All Information must be complete.
Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)
Nicholas Vecchia
Name (printed)

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GW - B	2/8/17 0930	GW	VOCs, SVOCs, PEST/PCBs, TAL/HEALS (HAI) (disabled)	4-1L-2-250, 300A
GW - 1	0930			
GW - 2	1030			
GW - 6	1100			
GW - 3	1145			
GW - 7	1200			
GW - 8	1400			
GW - RB	1530			
GW - RB	1430	DI		

Preservation Check those Applicable Special Instructions Field Filtered ☐ Lab to Filter ☒	4°C ☒ Frozen ☐ HCl ☐ MeOH ☐ Ascorbic Acid ☐ ZnAc ☐	HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ Other ☐	Samples Relinquished By <u>[Signature]</u> Date/Time <u>2/10/17 933</u> Samples Relinquished By <u>[Signature]</u> Date/Time <u>2/10/17 1531</u>	Temperature on Receipt <u>5.3</u> °C



Technical Report

prepared for:

GEI Consultants, Inc
110 Walt Whitman Road, Suite 204
Huntington Station NY, 11746
Attention: Nick Recchia

Report Date: 02/14/2017
Client Project ID: 1700655
York Project (SDG) No.: 17B0327

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
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(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 02/14/2017
Client Project ID: 1700655
York Project (SDG) No.: 17B0327

GEI Consultants, Inc
110 Walt Whitman Road, Suite 204
Huntington Station NY, 11746
Attention: Nick Recchia

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 February 10, 2017 and listed below. The project was identified as your project: **1700655**.

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>
17B0327-01	SV-1	Soil Vapor	02/07/2017	02/10/2017
17B0327-02	OA-1	Outdoor Ambient Ai	02/07/2017	02/10/2017
17B0327-03	SV-2	Soil Vapor	02/07/2017	02/10/2017
17B0327-04	SV-3	Soil Vapor	02/07/2017	02/10/2017
17B0327-05	SV-4	Soil Vapor	02/07/2017	02/10/2017
17B0327-06	SV-5	Soil Vapor	02/07/2017	02/10/2017
17B0327-07	SV-6	Soil Vapor	02/07/2017	02/10/2017

General Notes for York Project (SDG) No.: 17B0327

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.
9. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 02/14/2017





Sample Information

Client Sample ID: SV-1

York Sample ID: 17B0327-01

York Project (SDG) No.

17B0327

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 7, 2017 3:00 pm

Date Received

02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	14	14	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	12	12	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	14	14	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	16	16	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	12	12	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	8.5	8.5	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	8.4	8.4	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	16	16	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	10	10	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	16	16	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	13	13	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	8.5	8.5	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	9.7	9.7	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	15	15	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	10	10	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	14	14	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	13	13	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	9.7	9.7	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	13	13	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	15	15	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
78-93-3	2-Butanone	ND		ug/m ³	6.2	6.2	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS



Sample Information

Client Sample ID: SV-1

York Sample ID: 17B0327-01

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m ³	17	17	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	33	33	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	8.6	8.6	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
67-64-1	Acetone	ND		ug/m ³	10	10	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	4.6	4.6	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
71-43-2	Benzene	ND		ug/m ³	6.7	6.7	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	11	11	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	14	14	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
75-25-2	Bromoform	ND		ug/m ³	22	22	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
74-83-9	Bromomethane	ND		ug/m ³	8.2	8.2	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	6.6	6.6	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.3	3.3	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	9.7	9.7	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
75-00-3	Chloroethane	ND		ug/m ³	5.6	5.6	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
67-66-3	Chloroform	ND		ug/m ³	10	10	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
74-87-3	Chloromethane	ND		ug/m ³	4.4	4.4	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	8.4	8.4	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	9.6	9.6	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
110-82-7	Cyclohexane	ND		ug/m ³	7.3	7.3	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	18	18	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	10	10	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS



Sample Information

Client Sample ID: SV-1

York Sample ID: 17B0327-01

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* Ethyl acetate	ND		ug/m ³	15	15	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	9.2	9.2	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	22	22	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
67-63-0	Isopropanol	ND		ug/m ³	10	10	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	8.6	8.6	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	7.6	7.6	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
75-09-2	Methylene chloride	ND		ug/m ³	15	15	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
142-82-5	n-Heptane	ND		ug/m ³	8.6	8.6	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
110-54-3	n-Hexane	ND		ug/m ³	7.4	7.4	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
95-47-6	o-Xylene	ND		ug/m ³	9.2	9.2	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	18	18	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	10	10	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
115-07-1	* Propylene	ND		ug/m ³	3.6	3.6	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
100-42-5	Styrene	ND		ug/m ³	9.0	9.0	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
127-18-4	Tetrachloroethylene	ND		ug/m ³	3.6	3.6	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	12	12	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
108-88-3	Toluene	ND		ug/m ³	7.9	7.9	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	8.4	8.4	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	9.6	9.6	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	2.8	2.8	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	12	12	21.09	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 22:46	LDS



Sample Information

Client Sample ID: SV-1

York Sample ID: 17B0327-01

York Project (SDG) No.

17B0327

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 7, 2017 3:00 pm

Date Received

02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/m ³	7.4	7.4	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 22:46	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	9.2	9.2	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 22:46	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	5.4	5.4	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 22:46	LDS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	94.6 %	72-118								

Sample Information

Client Sample ID: OA-1

York Sample ID: 17B0327-02

York Project (SDG) No.

17B0327

Client Project ID

1700655

Matrix

Outdoor Ambient Air

Collection Date/Time

February 7, 2017 3:00 pm

Date Received

02/10/2017

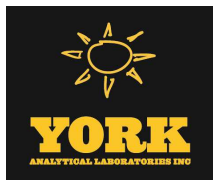
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.69	0.69	1	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 23:46	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.0		ug/m ³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.74	0.74	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
95-63-6	1,2,4-Trimethylbenzene	8.9		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS



Sample Information

Client Sample ID: OA-1

York Sample ID: 17B0327-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0327

1700655

Outdoor Ambient Air

February 7, 2017 3:00 pm

02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.70	0.70	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
108-67-8	1,3,5-Trimethylbenzene	3.0		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	0.66	0.66	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.46	0.46	1	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 23:46	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	0.72	0.72	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
78-93-3	2-Butanone	6.0		ug/m ³	0.29	0.29	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	0.82	0.82	1	EPA TO-15 Certifications:	02/10/2017 11:08	02/10/2017 23:46	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	1.6	1.6	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
67-64-1	Acetone	31		ug/m ³	0.48	0.48	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	0.22	0.22	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
71-43-2	Benzene	1.9		ug/m ³	0.32	0.32	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	0.52	0.52	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	0.67	0.67	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
75-25-2	Bromoform	ND		ug/m ³	1.0	1.0	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
74-83-9	Bromomethane	ND		ug/m ³	0.39	0.39	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	0.31	0.31	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
56-23-5	Carbon tetrachloride	0.69		ug/m ³	0.16	0.16	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS



Sample Information

Client Sample ID: OA-1

York Sample ID: 17B0327-02

York Project (SDG) No.

17B0327

Client Project ID

1700655

Matrix

Outdoor Ambient Air

Collection Date/Time

February 7, 2017 3:00 pm

Date Received

02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/m ³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
75-00-3	Chloroethane	ND		ug/m ³	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
67-66-3	Chloroform	ND		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
74-87-3	Chloromethane	2.3		ug/m ³	0.21	0.21	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
110-82-7	Cyclohexane	0.59		ug/m ³	0.34	0.34	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	0.85	0.85	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
75-71-8	Dichlorodifluoromethane	3.2		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
141-78-6	* Ethyl acetate	8.5		ug/m ³	0.72	0.72	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
100-41-4	Ethyl Benzene	7.3		ug/m ³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.1	1.1	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
67-63-0	Isopropanol	2.1		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.36	0.36	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
75-09-2	Methylene chloride	1.5		ug/m ³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
142-82-5	n-Heptane	1.2		ug/m ³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
110-54-3	n-Hexane	2.6		ug/m ³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
95-47-6	o-Xylene	8.4		ug/m ³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
179601-23-1	p- & m- Xylenes	26		ug/m ³	0.87	0.87	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
622-96-8	* p-Ethyltoluene	9.4		ug/m ³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
115-07-1	* Propylene	ND		ug/m ³	0.17	0.17	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS



Sample Information

Client Sample ID: OA-1

York Sample ID: 17B0327-02

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Outdoor Ambient Air

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/m ³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
127-18-4	Tetrachloroethylene	1.7		ug/m ³	0.17	0.17	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.59	0.59	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
108-88-3	Toluene	12		ug/m ³	0.38	0.38	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
79-01-6	Trichloroethylene	0.43		ug/m ³	0.13	0.13	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	3.1		ug/m ³	0.56	0.56	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	0.44	0.44	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/10/2017 23:46	LDS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	72-118								

Sample Information

Client Sample ID: SV-2

York Sample ID: 17B0327-03

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	13	13	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	11	11	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	13	13	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS



Sample Information

Client Sample ID: SV-2

York Sample ID: 17B0327-03

York Project (SDG) No.

17B0327

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 7, 2017 3:00 pm

Date Received

02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	15	15	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	11	11	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	7.9	7.9	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	7.8	7.8	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	15	15	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	9.6	9.6	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	15	15	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	12	12	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	7.9	7.9	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	9.1	9.1	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	14	14	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	9.6	9.6	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	13	13	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	12	12	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	9.1	9.1	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	12	12	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	14	14	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
78-93-3	2-Butanone	ND		ug/m ³	5.8	5.8	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	16	16	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	31	31	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	8.0	8.0	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS



Sample Information

Client Sample ID: SV-2

York Sample ID: 17B0327-03

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	23		ug/m ³	9.3	9.3	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	4.3	4.3	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
71-43-2	Benzene	ND		ug/m ³	6.3	6.3	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	10	10	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	13	13	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
75-25-2	Bromoform	ND		ug/m ³	20	20	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
74-83-9	Bromomethane	ND		ug/m ³	7.6	7.6	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	6.1	6.1	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.1	3.1	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	9.0	9.0	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
75-00-3	Chloroethane	ND		ug/m ³	5.2	5.2	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
67-66-3	Chloroform	17		ug/m ³	9.6	9.6	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
74-87-3	Chloromethane	ND		ug/m ³	4.0	4.0	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	7.8	7.8	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	8.9	8.9	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
110-82-7	Cyclohexane	ND		ug/m ³	6.8	6.8	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	17	17	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	9.7	9.7	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	14	14	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	8.5	8.5	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	21	21	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
67-63-0	Isopropanol	ND		ug/m ³	9.6	9.6	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS



Sample Information

Client Sample ID: SV-2

York Sample ID: 17B0327-03

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	8.0	8.0	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	7.1	7.1	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
75-09-2	Methylene chloride	ND		ug/m ³	14	14	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
142-82-5	n-Heptane	ND		ug/m ³	8.0	8.0	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
110-54-3	n-Hexane	ND		ug/m ³	6.9	6.9	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
95-47-6	o-Xylene	ND		ug/m ³	8.5	8.5	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	17	17	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	9.6	9.6	19.61	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 01:39	LDS
115-07-1	* Propylene	31		ug/m ³	3.4	3.4	19.61	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 01:39	LDS
100-42-5	Styrene	ND		ug/m ³	8.4	8.4	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
127-18-4	Tetrachloroethylene	56		ug/m ³	3.3	3.3	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	12	12	19.61	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 01:39	LDS
108-88-3	Toluene	13		ug/m ³	7.4	7.4	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	7.8	7.8	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	8.9	8.9	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	2.6	2.6	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	14		ug/m ³	11	11	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	6.9	6.9	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	8.6	8.6	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	5.0	5.0	19.61	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 01:39	LDS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	95.3 %	72-118								



Sample Information

Client Sample ID: SV-3

York Sample ID: 17B0327-04

York Project (SDG) No.

17B0327

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 7, 2017 3:00 pm

Date Received

02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	15	15	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	12	12	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	15	15	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	17	17	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	12	12	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	8.8	8.8	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	8.6	8.6	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	16	16	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	11	11	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	17	17	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	13	13	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	8.8	8.8	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	10	10	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	15	15	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	11	11	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	14	14	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	13	13	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	10	10	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	13	13	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	16	16	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
78-93-3	2-Butanone	ND		ug/m ³	6.4	6.4	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS



Sample Information

Client Sample ID: SV-3

York Sample ID: 17B0327-04

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m ³	18	18	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	34	34	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	8.9	8.9	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
67-64-1	Acetone	25		ug/m ³	10	10	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	4.7	4.7	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
71-43-2	Benzene	ND		ug/m ³	6.9	6.9	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	11	11	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	14	14	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
75-25-2	Bromoform	ND		ug/m ³	22	22	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
74-83-9	Bromomethane	ND		ug/m ³	8.4	8.4	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	6.7	6.7	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.4	3.4	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	10	10	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
75-00-3	Chloroethane	ND		ug/m ³	5.7	5.7	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
67-66-3	Chloroform	ND		ug/m ³	11	11	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
74-87-3	Chloromethane	ND		ug/m ³	4.5	4.5	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	8.6	8.6	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	9.8	9.8	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
110-82-7	Cyclohexane	ND		ug/m ³	7.4	7.4	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	18	18	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	11	11	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS



Sample Information

Client Sample ID: SV-3

York Sample ID: 17B0327-04

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* Ethyl acetate	ND		ug/m ³	16	16	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	9.4	9.4	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	23	23	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
67-63-0	Isopropanol	ND		ug/m ³	11	11	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	8.9	8.9	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	7.8	7.8	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
75-09-2	Methylene chloride	ND		ug/m ³	15	15	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
142-82-5	n-Heptane	ND		ug/m ³	8.9	8.9	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
110-54-3	n-Hexane	ND		ug/m ³	7.6	7.6	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
95-47-6	o-Xylene	ND		ug/m ³	9.4	9.4	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	19	19	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	11	11	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
115-07-1	* Propylene	23		ug/m ³	3.7	3.7	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
100-42-5	Styrene	ND		ug/m ³	9.2	9.2	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
127-18-4	Tetrachloroethylene	32		ug/m ³	3.7	3.7	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	13	13	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
108-88-3	Toluene	11		ug/m ³	8.2	8.2	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	8.6	8.6	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	9.8	9.8	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	2.9	2.9	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	29		ug/m ³	12	12	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	7.6	7.6	21.63	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 02:34	LDS



Sample Information

Client Sample ID: SV-3

York Sample ID: 17B0327-04

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m ³	9.5	9.5	21.63	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 02:34	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	5.5	5.5	21.63	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 02:34	LDS
Surrogate Recoveries		Result		Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	96.8 %		72-118							

Sample Information

Client Sample ID: SV-4

York Sample ID: 17B0327-05

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	14	14	20.83	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 03:30	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	11	11	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	14	14	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	16	16	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	11	11	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	8.4	8.4	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	8.3	8.3	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	15	15	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	10	10	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	16	16	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	13	13	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	8.4	8.4	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS



Sample Information

Client Sample ID: SV-4

York Sample ID: 17B0327-05

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/m ³	9.6	9.6	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	15	15	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	10	10	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	14	14	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	13	13	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	9.6	9.6	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	13	13	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	15	15	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
78-93-3	2-Butanone	ND		ug/m ³	6.1	6.1	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	17	17	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	33	33	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	8.5	8.5	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
67-64-1	Acetone	36		ug/m ³	9.9	9.9	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	4.5	4.5	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
71-43-2	Benzene	ND		ug/m ³	6.7	6.7	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	11	11	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	14	14	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
75-25-2	Bromoform	ND		ug/m ³	22	22	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
74-83-9	Bromomethane	ND		ug/m ³	8.1	8.1	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	6.5	6.5	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.3	3.3	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS



Sample Information

Client Sample ID: SV-4

York Sample ID: 17B0327-05

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/m ³	9.6	9.6	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
75-00-3	Chloroethane	ND		ug/m ³	5.5	5.5	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
67-66-3	Chloroform	ND		ug/m ³	10	10	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
74-87-3	Chloromethane	ND		ug/m ³	4.3	4.3	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	8.3	8.3	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	9.5	9.5	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
110-82-7	Cyclohexane	ND		ug/m ³	7.2	7.2	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	18	18	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	10	10	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	15	15	20.83	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 03:30	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	9.0	9.0	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	22	22	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
67-63-0	Isopropanol	ND		ug/m ³	10	10	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	8.5	8.5	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	7.5	7.5	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
75-09-2	Methylene chloride	ND		ug/m ³	14	14	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
142-82-5	n-Heptane	ND		ug/m ³	8.5	8.5	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
110-54-3	n-Hexane	ND		ug/m ³	7.3	7.3	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
95-47-6	o-Xylene	ND		ug/m ³	9.0	9.0	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	18	18	20.83	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 03:30	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	10	10	20.83	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 03:30	LDS



Sample Information

Client Sample ID: SV-4

York Sample ID: 17B0327-05

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
115-07-1	* Propylene	30		ug/m ³	3.6	3.6	20.83	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 03:30	LDS
100-42-5	Styrene	ND		ug/m ³	8.9	8.9	20.83	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 03:30	LDS
127-18-4	Tetrachloroethylene	51		ug/m ³	3.5	3.5	20.83	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 03:30	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	12	12	20.83	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 03:30	LDS
108-88-3	Toluene	13		ug/m ³	7.8	7.8	20.83	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 03:30	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	8.3	8.3	20.83	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 03:30	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	9.5	9.5	20.83	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 03:30	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	2.8	2.8	20.83	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 03:30	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	32		ug/m ³	12	12	20.83	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 03:30	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	7.3	7.3	20.83	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 03:30	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	9.1	9.1	20.83	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 03:30	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	5.3	5.3	20.83	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 03:30	LDS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	95.4 %	72-118								

Sample Information

Client Sample ID: SV-5

York Sample ID: 17B0327-06

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	31		ug/m ³	15	15	21.18	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 04:25	LDS
71-55-6	1,1,1-Trichloroethane	22		ug/m ³	12	12	21.18	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 04:25	LDS



Sample Information

Client Sample ID: SV-5

York Sample ID: 17B0327-06

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	15	15	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42		ug/m ³	16	16	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
79-00-5	1,1,2-Trichloroethane	22		ug/m ³	12	12	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
75-34-3	1,1-Dichloroethane	16		ug/m ³	8.6	8.6	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
75-35-4	1,1-Dichloroethylene	14		ug/m ³	8.4	8.4	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
120-82-1	1,2,4-Trichlorobenzene	130		ug/m ³	16	16	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
95-63-6	1,2,4-Trimethylbenzene	12		ug/m ³	10	10	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	16	16	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
95-50-1	1,2-Dichlorobenzene	23		ug/m ³	13	13	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
107-06-2	1,2-Dichloroethane	15		ug/m ³	8.6	8.6	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
78-87-5	1,2-Dichloropropane	16		ug/m ³	9.8	9.8	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	43		ug/m ³	15	15	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
108-67-8	1,3,5-Trimethylbenzene	15		ug/m ³	10	10	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	14	14	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
541-73-1	1,3-Dichlorobenzene	20		ug/m ³	13	13	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	9.8	9.8	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
106-46-7	1,4-Dichlorobenzene	14		ug/m ³	13	13	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	15	15	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
78-93-3	2-Butanone	7.5		ug/m ³	6.2	6.2	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	17	17	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	33	33	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	8.7	8.7	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
67-64-1	Acetone	14		ug/m ³	10	10	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS



Sample Information

Client Sample ID: SV-5

York Sample ID: 17B0327-06

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/m ³	4.6	4.6	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
71-43-2	Benzene	11		ug/m ³	6.8	6.8	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	11	11	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	14	14	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
75-25-2	Bromoform	ND		ug/m ³	22	22	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
74-83-9	Bromomethane	27		ug/m ³	8.2	8.2	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
75-15-0	Carbon disulfide	12		ug/m ³	6.6	6.6	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
56-23-5	Carbon tetrachloride	24		ug/m ³	3.3	3.3	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
108-90-7	Chlorobenzene	20		ug/m ³	9.8	9.8	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
75-00-3	Chloroethane	ND		ug/m ³	5.6	5.6	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
67-66-3	Chloroform	23		ug/m ³	10	10	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
74-87-3	Chloromethane	12		ug/m ³	4.4	4.4	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
156-59-2	cis-1,2-Dichloroethylene	11		ug/m ³	8.4	8.4	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	9.6	9.6	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
110-82-7	Cyclohexane	ND		ug/m ³	7.3	7.3	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	18	18	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
75-71-8	Dichlorodifluoromethane	27		ug/m ³	10	10	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	15	15	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
100-41-4	Ethyl Benzene	11		ug/m ³	9.2	9.2	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
87-68-3	Hexachlorobutadiene	86		ug/m ³	23	23	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
67-63-0	Isopropanol	ND		ug/m ³	10	10	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	8.7	8.7	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS



Sample Information

Client Sample ID: SV-5

York Sample ID: 17B0327-06

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	7.6	7.6	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
75-09-2	Methylene chloride	15		ug/m ³	15	15	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
142-82-5	n-Heptane	ND		ug/m ³	8.7	8.7	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
110-54-3	n-Hexane	ND		ug/m ³	7.5	7.5	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
95-47-6	o-Xylene	ND		ug/m ³	9.2	9.2	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
179601-23-1	p- & m- Xylenes	21		ug/m ³	18	18	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
622-96-8	* p-Ethyltoluene	11		ug/m ³	10	10	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
115-07-1	* Propylene	ND		ug/m ³	3.6	3.6	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
100-42-5	Styrene	ND		ug/m ³	9.0	9.0	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
127-18-4	Tetrachloroethylene	23		ug/m ³	3.6	3.6	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	12	12	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
108-88-3	Toluene	8.0		ug/m ³	8.0	8.0	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
156-60-5	trans-1,2-Dichloroethylene	12		ug/m ³	8.4	8.4	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	9.6	9.6	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
79-01-6	Trichloroethylene	15		ug/m ³	2.8	2.8	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	44		ug/m ³	12	12	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	7.5	7.5	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	9.3	9.3	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	5.4	5.4	21.18	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 04:25	LDS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	95.3 %	72-118								



Sample Information

Client Sample ID: SV-6

York Sample ID: 17B0327-07

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	12	12	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	9.2	9.2	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	12	12	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	13	13	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	9.2	9.2	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	6.8	6.8	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	6.7	6.7	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	12	12	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	8.3	8.3	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	13	13	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	10	10	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	6.8	6.8	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	7.8	7.8	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	12	12	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	8.3	8.3	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	11	11	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	10	10	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	7.8	7.8	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	10	10	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	12	12	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
78-93-3	2-Butanone	ND		ug/m ³	5.0	5.0	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS



Sample Information

Client Sample ID: SV-6

York Sample ID: 17B0327-07

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m ³	14	14	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	26	26	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	6.9	6.9	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
67-64-1	Acetone	ND		ug/m ³	8.0	8.0	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	3.6	3.6	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
71-43-2	Benzene	ND		ug/m ³	5.4	5.4	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	8.7	8.7	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	11	11	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
75-25-2	Bromoform	ND		ug/m ³	17	17	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
74-83-9	Bromomethane	ND		ug/m ³	6.5	6.5	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	5.2	5.2	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	2.6	2.6	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	7.7	7.7	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
75-00-3	Chloroethane	ND		ug/m ³	4.4	4.4	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
67-66-3	Chloroform	ND		ug/m ³	8.2	8.2	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
74-87-3	Chloromethane	ND		ug/m ³	3.5	3.5	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	6.7	6.7	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	7.6	7.6	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
110-82-7	Cyclohexane	ND		ug/m ³	5.8	5.8	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	14	14	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	8.3	8.3	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS



Sample Information

Client Sample ID: SV-6

York Sample ID: 17B0327-07

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* Ethyl acetate	ND		ug/m ³	12	12	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	7.3	7.3	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	18	18	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
67-63-0	Isopropanol	ND		ug/m ³	8.3	8.3	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	6.9	6.9	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	6.1	6.1	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
75-09-2	Methylene chloride	ND		ug/m ³	12	12	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
142-82-5	n-Heptane	ND		ug/m ³	6.9	6.9	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
110-54-3	n-Hexane	ND		ug/m ³	5.9	5.9	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
95-47-6	o-Xylene	ND		ug/m ³	7.3	7.3	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	15	15	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	8.3	8.3	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
115-07-1	* Propylene	ND		ug/m ³	2.9	2.9	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
100-42-5	Styrene	ND		ug/m ³	7.2	7.2	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
127-18-4	Tetrachloroethylene	ND		ug/m ³	2.8	2.8	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	9.9	9.9	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
108-88-3	Toluene	ND		ug/m ³	6.3	6.3	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	6.7	6.7	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	7.6	7.6	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	2.3	2.3	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	9.4	9.4	16.8	EPA TO-15 Certifications:	02/10/2017 11:08	02/11/2017 05:20	LDS



Sample Information

Client Sample ID: SV-6

York Sample ID: 17B0327-07

York Project (SDG) No.
17B0327

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 7, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/m ³	5.9	5.9	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 05:20	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	7.3	7.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 05:20	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	4.3	4.3	16.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/10/2017 11:08	02/11/2017 05:20	LDS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	90.3 %	72-118								





Notes and Definitions

QR-01 Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

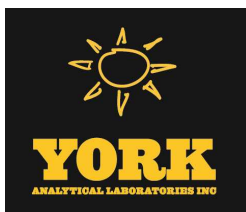
Page 1 of 1

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 unless superseded by written contract.

York Project No.

[illegible]



Technical Report

prepared for:

GEI Consultants, Inc
110 Walt Whitman Road, Suite 204
Huntington Station NY, 11746
Attention: Nick Recchia

Report Date: 02/17/2017
Client Project ID: 1700655
York Project (SDG) No.: 17B0381

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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132-02 89th AVENUE
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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 02/17/2017
Client Project ID: 1700655
York Project (SDG) No.: 17B0381

GEI Consultants, Inc
110 Walt Whitman Road, Suite 204
Huntington Station NY, 11746
Attention: Nick Recchia

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 February 10, 2017 and listed below. The project was identified as your project: **1700655**.

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>
17B0381-01	SV-7	Soil Vapor	02/08/2017	02/10/2017
17B0381-02	SV-8	Soil Vapor	02/08/2017	02/10/2017
17B0381-03	SV-9	Soil Vapor	02/08/2017	02/10/2017
17B0381-04	SV-10	Soil Vapor	02/08/2017	02/10/2017

General Notes for York Project (SDG) No.: 17B0381

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.
9. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 02/17/2017





Sample Information

Client Sample ID: SV-7

York Sample ID: 17B0381-01

York Project (SDG) No.

17B0381

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 8, 2017 3:00 pm

Date Received

02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	15	15	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	12	12	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	15	15	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	16	16	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	12	12	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	8.6	8.6	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	8.5	8.5	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	16	16	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	11	11	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	16	16	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	13	13	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	8.6	8.6	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	9.9	9.9	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	15	15	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	11	11	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	14	14	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	13	13	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	9.9	9.9	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	13	13	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	15	15	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
78-93-3	2-Butanone	ND		ug/m ³	6.3	6.3	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS



Sample Information

Client Sample ID: SV-7

York Sample ID: 17B0381-01

York Project (SDG) No.

17B0381

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 8, 2017 3:00 pm

Date Received

02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m ³	18	18	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	33	33	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	8.8	8.8	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
67-64-1	Acetone	10		ug/m ³	10	10	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	4.6	4.6	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
71-43-2	Benzene	ND		ug/m ³	6.8	6.8	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	11	11	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	14	14	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
75-25-2	Bromoform	ND		ug/m ³	22	22	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
74-83-9	Bromomethane	ND		ug/m ³	8.3	8.3	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	6.7	6.7	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.4	3.4	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	9.8	9.8	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
75-00-3	Chloroethane	ND		ug/m ³	5.6	5.6	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
67-66-3	Chloroform	ND		ug/m ³	10	10	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
74-87-3	Chloromethane	ND		ug/m ³	4.4	4.4	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	8.5	8.5	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	9.7	9.7	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
110-82-7	Cyclohexane	ND		ug/m ³	7.4	7.4	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	18	18	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	11	11	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS



Sample Information

Client Sample ID: SV-7

York Sample ID: 17B0381-01

York Project (SDG) No.

17B0381

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 8, 2017 3:00 pm

Date Received

02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
141-78-6	* Ethyl acetate	ND		ug/m ³	15	15	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	9.3	9.3	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	23	23	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
67-63-0	Isopropanol	ND		ug/m ³	11	11	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	8.7	8.7	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	7.7	7.7	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
75-09-2	Methylene chloride	ND		ug/m ³	15	15	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
142-82-5	n-Heptane	ND		ug/m ³	8.8	8.8	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
110-54-3	n-Hexane	14		ug/m ³	7.5	7.5	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
95-47-6	o-Xylene	ND		ug/m ³	9.3	9.3	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	19	19	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	11	11	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
115-07-1	* Propylene	ND		ug/m ³	3.7	3.7	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
100-42-5	Styrene	ND		ug/m ³	9.1	9.1	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
127-18-4	Tetrachloroethylene	35		ug/m ³	3.6	3.6	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	13	13	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
108-88-3	Toluene	23		ug/m ³	8.0	8.0	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	8.5	8.5	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	9.7	9.7	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	2.9	2.9	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	12	12	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	7.5	7.5	21.36	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 20:42	LDS



Sample Information

Client Sample ID: SV-7

York Sample ID: 17B0381-01

York Project (SDG) No.

17B0381

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 8, 2017 3:00 pm

Date Received

02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m ³	9.3	9.3	21.36	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 20:42	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	5.5	5.5	21.36	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 20:42	LDS
Surrogate Recoveries		Result		Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	97.5 %		72-118							

Sample Information

Client Sample ID: SV-8

York Sample ID: 17B0381-02

York Project (SDG) No.

17B0381

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 8, 2017 3:00 pm

Date Received

02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	16	16	23.12	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 21:29	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	13	13	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	16	16	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	18	18	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	13	13	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	9.4	9.4	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	9.2	9.2	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	17	17	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	11	11	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	18	18	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	14	14	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	9.4	9.4	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS



Sample Information

Client Sample ID: SV-8

York Sample ID: 17B0381-02

York Project (SDG) No.

17B0381

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 8, 2017 3:00 pm

Date Received

02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/m ³	11	11	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	16	16	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	11	11	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	15	15	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	14	14	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	11	11	23.12	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 21:29	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	14	14	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	17	17	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
78-93-3	2-Butanone	ND		ug/m ³	6.8	6.8	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	19	19	23.12	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 21:29	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	36	36	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	9.5	9.5	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
67-64-1	Acetone	17		ug/m ³	11	11	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	5.0	5.0	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
71-43-2	Benzene	ND		ug/m ³	7.4	7.4	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	12	12	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	15	15	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
75-25-2	Bromoform	ND		ug/m ³	24	24	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
74-83-9	Bromomethane	ND		ug/m ³	9.0	9.0	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
75-15-0	Carbon disulfide	7.2		ug/m ³	7.2	7.2	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.6	3.6	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	11	11	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS



Sample Information

Client Sample ID: SV-8

York Sample ID: 17B0381-02

York Project (SDG) No.

17B0381

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 8, 2017 3:00 pm

Date Received

02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/m ³	6.1	6.1	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
67-66-3	Chloroform	ND		ug/m ³	11	11	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
74-87-3	Chloromethane	ND		ug/m ³	4.8	4.8	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	9.2	9.2	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	10	10	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
110-82-7	Cyclohexane	ND		ug/m ³	8.0	8.0	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	20	20	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	11	11	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	17	17	23.12	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 21:29	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	10	10	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	25	25	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
67-63-0	Isopropanol	ND		ug/m ³	11	11	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	9.5	9.5	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	8.3	8.3	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
75-09-2	Methylene chloride	ND		ug/m ³	16	16	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
142-82-5	n-Heptane	ND		ug/m ³	9.5	9.5	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
110-54-3	n-Hexane	36		ug/m ³	8.1	8.1	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
95-47-6	o-Xylene	ND		ug/m ³	10	10	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	20	20	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	11	11	23.12	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 21:29	LDS
115-07-1	* Propylene	15		ug/m ³	4.0	4.0	23.12	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 21:29	LDS
100-42-5	Styrene	ND		ug/m ³	9.8	9.8	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS



Sample Information

Client Sample ID: SV-8

York Sample ID: 17B0381-02

York Project (SDG) No.
17B0381

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 8, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	14		ug/m ³	3.9	3.9	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
109-99-9	* Tetrahydrofuran	29		ug/m ³	14	14	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
108-88-3	Toluene	27		ug/m ³	8.7	8.7	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	9.2	9.2	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	10	10	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	3.1	3.1	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	13	13	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	8.1	8.1	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	10	10	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	5.9	5.9	23.12	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 21:29	LDS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	97.2 %	72-118								

Sample Information

Client Sample ID: SV-9

York Sample ID: 17B0381-03

York Project (SDG) No.
17B0381

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 8, 2017 3:00 pm

Date Received
02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	14	14	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	11	11	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	14	14	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	16	16	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS



Sample Information

Client Sample ID: SV-9

York Sample ID: 17B0381-03

York Project (SDG) No.

17B0381

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 8, 2017 3:00 pm

Date Received

02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	11	11	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	8.3	8.3	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	8.2	8.2	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	15	15	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	10	10	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	16	16	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	12	12	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	8.3	8.3	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	9.5	9.5	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	14	14	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	10	10	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	14	14	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	12	12	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	9.5	9.5	20.57	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 22:16	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	12	12	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	15	15	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
78-93-3	2-Butanone	ND		ug/m ³	6.1	6.1	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	17	17	20.57	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 22:16	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	32	32	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	8.4	8.4	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
67-64-1	Acetone	42		ug/m ³	9.8	9.8	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS



Sample Information

Client Sample ID: SV-9

York Sample ID: 17B0381-03

York Project (SDG) No.

17B0381

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 8, 2017 3:00 pm

Date Received

02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/m ³	4.5	4.5	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
71-43-2	Benzene	ND		ug/m ³	6.6	6.6	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	11	11	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
75-27-4	Bromodichloromethane	21		ug/m ³	14	14	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
75-25-2	Bromoform	ND		ug/m ³	21	21	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
74-83-9	Bromomethane	ND		ug/m ³	8.0	8.0	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	6.4	6.4	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.2	3.2	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	9.5	9.5	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
75-00-3	Chloroethane	ND		ug/m ³	5.4	5.4	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
67-66-3	Chloroform	240		ug/m ³	10	10	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
74-87-3	Chloromethane	ND		ug/m ³	4.2	4.2	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	8.2	8.2	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	9.3	9.3	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
110-82-7	Cyclohexane	ND		ug/m ³	7.1	7.1	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	18	18	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	10	10	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	15	15	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	8.9	8.9	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	22	22	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
67-63-0	Isopropanol	ND		ug/m ³	10	10	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	8.4	8.4	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS



Sample Information

Client Sample ID: SV-9

York Sample ID: 17B0381-03

York Project (SDG) No.

17B0381

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 8, 2017 3:00 pm

Date Received

02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	7.4	7.4	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
75-09-2	Methylene chloride	ND		ug/m ³	14	14	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
142-82-5	n-Heptane	73		ug/m ³	8.4	8.4	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
110-54-3	n-Hexane	86		ug/m ³	7.3	7.3	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
95-47-6	o-Xylene	ND		ug/m ³	8.9	8.9	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	18	18	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	10	10	20.57	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 22:16	LDS
115-07-1	* Propylene	27		ug/m ³	3.5	3.5	20.57	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 22:16	LDS
100-42-5	Styrene	ND		ug/m ³	8.8	8.8	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
127-18-4	Tetrachloroethylene	40		ug/m ³	3.5	3.5	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	12	12	20.57	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 22:16	LDS
108-88-3	Toluene	34		ug/m ³	7.8	7.8	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	8.2	8.2	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	9.3	9.3	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	2.8	2.8	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	12	12	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	7.2	7.2	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	9.0	9.0	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	5.3	5.3	20.57	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 22:16	LDS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	72-118								



Sample Information

Client Sample ID: SV-10

York Sample ID: 17B0381-04

York Project (SDG) No.

17B0381

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 8, 2017 3:00 pm

Date Received

02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	15	15	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	12	12	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	15	15	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	17	17	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	12	12	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	9.0	9.0	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	8.8	8.8	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	17	17	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	11	11	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	17	17	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	13	13	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	9.0	9.0	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	10	10	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	16	16	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	11	11	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	15	15	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	13	13	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	10	10	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	13	13	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	16	16	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
78-93-3	2-Butanone	ND		ug/m ³	6.6	6.6	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS



Sample Information

Client Sample ID: SV-10

York Sample ID: 17B0381-04

York Project (SDG) No.

17B0381

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 8, 2017 3:00 pm

Date Received

02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m ³	18	18	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	35	35	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	9.1	9.1	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
67-64-1	Acetone	11		ug/m ³	11	11	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	4.8	4.8	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
71-43-2	Benzene	18		ug/m ³	7.1	7.1	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	12	12	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	15	15	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
75-25-2	Bromoform	ND		ug/m ³	23	23	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
74-83-9	Bromomethane	ND		ug/m ³	8.7	8.7	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	6.9	6.9	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.5	3.5	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	10	10	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
75-00-3	Chloroethane	ND		ug/m ³	5.9	5.9	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
67-66-3	Chloroform	30		ug/m ³	11	11	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
74-87-3	Chloromethane	ND		ug/m ³	4.6	4.6	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	8.8	8.8	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	10	10	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
110-82-7	Cyclohexane	10		ug/m ³	7.7	7.7	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	19	19	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	11	11	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	16	16	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS



Sample Information

Client Sample ID: SV-10

York Sample ID: 17B0381-04

York Project (SDG) No.

17B0381

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 8, 2017 3:00 pm

Date Received

02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	21		ug/m ³	9.7	9.7	22.3	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:04	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	24	24	22.3	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:04	LDS
67-63-0	Isopropanol	ND		ug/m ³	11	11	22.3	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:04	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	9.1	9.1	22.3	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:04	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	8.0	8.0	22.3	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:04	LDS
75-09-2	Methylene chloride	ND		ug/m ³	15	15	22.3	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:04	LDS
142-82-5	n-Heptane	25		ug/m ³	9.1	9.1	22.3	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:04	LDS
110-54-3	n-Hexane	37		ug/m ³	7.9	7.9	22.3	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:04	LDS
95-47-6	o-Xylene	13		ug/m ³	9.7	9.7	22.3	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:04	LDS
179601-23-1	p- & m- Xylenes	35		ug/m ³	19	19	22.3	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:04	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	11	11	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
115-07-1	* Propylene	ND		ug/m ³	3.8	3.8	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
100-42-5	Styrene	ND		ug/m ³	9.5	9.5	22.3	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:04	LDS
127-18-4	Tetrachloroethylene	15		ug/m ³	3.8	3.8	22.3	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:04	LDS
109-99-9	* Tetrahydrofuran	31		ug/m ³	13	13	22.3	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:04	LDS
108-88-3	Toluene	270		ug/m ³	8.4	8.4	22.3	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:04	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	8.8	8.8	22.3	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:04	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	10	10	22.3	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:04	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	3.0	3.0	22.3	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:04	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	13	13	22.3	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:04	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	7.9	7.9	22.3	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:04	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	9.8	9.8	22.3	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:04	LDS



Sample Information

Client Sample ID: SV-10

York Sample ID: 17B0381-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

17B0381

1700655

Soil Vapor

February 8, 2017 3:00 pm

02/10/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m ³	5.7	5.7	22.3	EPA TO-15	02/15/2017 11:42	02/15/2017 23:04	LDS
Surrogate Recoveries		Result		Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	99.6 %		72-118							





Notes and Definitions

QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



YORK
ANALYTICAL LABORATORIES INC.

Field Chain-of-Custody Record - AIR

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 unless superseded by written contract.

York Project No. 17B0381

YOUR INFORMATION Company: <u>GECONSULTANTS INC.</u> Address: <u>110 W 4th Street</u> <u>Huntington St NY 11756</u> Phone No: <u>(631) 759-2973</u> Contact Person: <u>Michael</u> E-Mail Address: <u>consultants@geconsultants.com</u>		Report To: Company: <u>SAME</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>EMAIL</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR PROJECT ID <u>1700655</u> Purchase Order No. <u>1700688</u> Samples from: CT <u>NY</u> ☒ NJ		Turn-Around Time RUSH - Same Day ☐ RUSH - Next Day ☐ RUSH - Two Day ☐ RUSH - Three Day ☐ RUSH - Four Day ☐ Standard(5-7 Days) ☐		Report Type/Deliverables Summary Report ☒ Summary w/ QA Summary ☐ CT RCP Package ☐ NY ASP A Package ☐ NY ASP B/CLP Pkg ☐ NJDEP Reduced ☐ Electronic Deliverables: ☐ EDD (Specify Type) ☐ Standard Excel ☒ Regulatory Comparison Excel ☒	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Air Matrix Codes

- AI - INDOOR Ambient Air
- AO - OUTDOOR Amb. Air
- AE - Vapor Extraction Well/Process Gas/Effluent
- AS - SOIL Vapor/Sub-Slab

Samples Collected/Authorized By (Signature)

Nicholas Pechia

Name (printed)

Additional Notes:

70-18

Detection Limits Required

≤ 1 ug/m³

NYSDEC VI Limits

(VI - vapor intrusion)

NJDEP low level

Please enter the following Field Data

Routine Survey ☒

Other _____

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Cont. ID	ANALYSES REQUESTED	Sampling Media
SV-7	2/9/17	AS	-30	30-670	15522	720	70-18	6 Liter canister ☒ Tedlar Bag
SV-8	↓	↓	-30	20-660	20666	713	↓	6 Liter canister ☒ Tedlar Bag
SV-9	↓	↓	-30	168	18224	722	↓	6 Liter canister ☒ Tedlar Bag
SV-10	↓	↓	-30	7	16620	717	↓	6 Liter canister ☒ Tedlar Bag
								6 Liter canister ☐ Tedlar Bag
								6 Liter canister ☐ Tedlar Bag
								6 Liter canister ☐ Tedlar Bag
								6 Liter canister ☐ Tedlar Bag
								6 Liter canister ☐ Tedlar Bag
								6 Liter canister ☐ Tedlar Bag
								6 Liter canister ☐ Tedlar Bag
								6 Liter canister ☐ Tedlar Bag

Comments

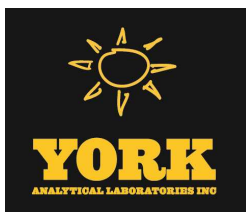
* NYCMOER VILLAR CONCERN

Samples Relinquished By Michael Pechia Date/Time 2-10-17

Samples Relinquished By _____ Date/Time _____

Samples Received By Michael Pechia Date/Time 2-13-17 1015

Samples Received by LAB by _____ Date/Time _____



Technical Report

prepared for:

GEI Consultants, Inc
110 Walt Whitman Road, Suite 204
Huntington Station NY, 11746
Attention: Nick Recchia

Report Date: 02/21/2017
Client Project ID: 1700655
York Project (SDG) No.: 17B0484

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
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(203) 325-1371

132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 02/21/2017
Client Project ID: 1700655
York Project (SDG) No.: 17B0484

GEI Consultants, Inc
110 Walt Whitman Road, Suite 204
Huntington Station NY, 11746
Attention: Nick Recchia

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 February 14, 2017 and listed below. The project was identified as your project: **1700655**.

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>
17B0484-01	SV-11	Soil Vapor	02/13/2017	02/14/2017
17B0484-02	SV-12	Soil Vapor	02/13/2017	02/14/2017

General Notes for York Project (SDG) No.: 17B0484

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.
9. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 02/21/2017





Sample Information

Client Sample ID: SV-11

York Sample ID: 17B0484-01

York Project (SDG) No.

17B0484

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 13, 2017 3:00 pm

Date Received

02/14/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	14	14	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	11	11	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	14	14	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	15	15	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	11	11	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	8.1	8.1	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	7.9	7.9	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	15	15	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	9.8	9.8	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	15	15	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	12	12	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	8.1	8.1	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	9.2	9.2	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	14	14	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	9.8	9.8	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	13	13	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	12	12	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	9.2	9.2	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	12	12	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	14	14	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
78-93-3	2-Butanone	5.9		ug/m ³	5.9	5.9	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS



Sample Information

Client Sample ID: SV-11

York Sample ID: 17B0484-01

York Project (SDG) No.

17B0484

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 13, 2017 3:00 pm

Date Received

02/14/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m ³	16	16	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	31	31	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	8.2	8.2	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
67-64-1	Acetone	23		ug/m ³	9.5	9.5	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	4.3	4.3	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
71-43-2	Benzene	48		ug/m ³	6.4	6.4	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	10	10	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	13	13	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
75-25-2	Bromoform	ND		ug/m ³	21	21	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
74-83-9	Bromomethane	ND		ug/m ³	7.7	7.7	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	6.2	6.2	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.1	3.1	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	9.2	9.2	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
75-00-3	Chloroethane	ND		ug/m ³	5.3	5.3	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
67-66-3	Chloroform	ND		ug/m ³	9.7	9.7	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
74-87-3	Chloromethane	ND		ug/m ³	4.1	4.1	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	7.9	7.9	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	9.0	9.0	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
110-82-7	Cyclohexane	27		ug/m ³	6.9	6.9	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	17	17	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	9.9	9.9	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	14	14	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS



Sample Information

Client Sample ID: SV-11

York Sample ID: 17B0484-01

York Project (SDG) No.
17B0484

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 13, 2017 3:00 pm

Date Received
02/14/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	29		ug/m ³	8.6	8.6	19.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:51	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	21	21	19.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:51	LDS
67-63-0	Isopropanol	ND		ug/m ³	9.8	9.8	19.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:51	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	8.2	8.2	19.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:51	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	180		ug/m ³	7.2	7.2	19.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:51	LDS
75-09-2	Methylene chloride	ND		ug/m ³	14	14	19.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:51	LDS
142-82-5	n-Heptane	200		ug/m ³	8.2	8.2	19.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:51	LDS
110-54-3	n-Hexane	140		ug/m ³	7.0	7.0	19.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:51	LDS
95-47-6	o-Xylene	52		ug/m ³	8.6	8.6	19.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:51	LDS
179601-23-1	p- & m- Xylenes	110		ug/m ³	17	17	19.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:51	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	9.8	9.8	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
115-07-1	* Propylene	40		ug/m ³	3.4	3.4	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
100-42-5	Styrene	ND		ug/m ³	8.5	8.5	19.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:51	LDS
127-18-4	Tetrachloroethylene	8.1		ug/m ³	3.4	3.4	19.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:51	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	12	12	19.92	EPA TO-15 Certifications:	02/15/2017 11:42	02/15/2017 23:51	LDS
108-88-3	Toluene	1300		ug/m ³	7.5	7.5	19.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:51	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	7.9	7.9	19.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:51	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	9.0	9.0	19.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:51	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	2.7	2.7	19.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:51	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	11	11	19.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:51	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	7.0	7.0	19.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:51	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	8.7	8.7	19.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:51	LDS



Sample Information

Client Sample ID: SV-11

York Sample ID: 17B0484-01

York Project (SDG) No.
17B0484

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 13, 2017 3:00 pm

Date Received
02/14/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m ³	5.1	5.1	19.92	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/15/2017 23:51	LDS
Surrogate Recoveries		Result		Acceptance Range							
460-00-4	Surrogate: p-Bromofluorobenzene	95.1 %				72-118					

Sample Information

Client Sample ID: SV-12

York Sample ID: 17B0484-02

York Project (SDG) No.
17B0484

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 13, 2017 3:00 pm

Date Received
02/14/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	14	14	21.09	EPA TO-15 Certifications:	02/15/2017 11:42	02/16/2017 00:38	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	12	12	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	14	14	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	16	16	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	12	12	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m ³	8.5	8.5	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	8.4	8.4	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	16	16	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	10	10	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m ³	16	16	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	13	13	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m ³	8.5	8.5	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m ³	9.7	9.7	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS



Sample Information

Client Sample ID: SV-12

York Sample ID: 17B0484-02

York Project (SDG) No.

17B0484

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 13, 2017 3:00 pm

Date Received

02/14/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	15	15	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	10	10	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
106-99-0	1,3-Butadiene	ND		ug/m ³	14	14	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	13	13	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	9.7	9.7	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	13	13	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
123-91-1	1,4-Dioxane	ND		ug/m ³	15	15	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
78-93-3	2-Butanone	ND		ug/m ³	6.2	6.2	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
591-78-6	* 2-Hexanone	ND		ug/m ³	17	17	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
107-05-1	3-Chloropropene	ND		ug/m ³	33	33	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	8.6	8.6	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
67-64-1	Acetone	34		ug/m ³	10	10	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
107-13-1	Acrylonitrile	ND		ug/m ³	4.6	4.6	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
71-43-2	Benzene	ND		ug/m ³	6.7	6.7	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
100-44-7	Benzyl chloride	ND		ug/m ³	11	11	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
75-27-4	Bromodichloromethane	ND		ug/m ³	14	14	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
75-25-2	Bromoform	ND		ug/m ³	22	22	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
74-83-9	Bromomethane	ND		ug/m ³	8.2	8.2	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
75-15-0	Carbon disulfide	ND		ug/m ³	6.6	6.6	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
56-23-5	Carbon tetrachloride	ND		ug/m ³	3.3	3.3	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
108-90-7	Chlorobenzene	ND		ug/m ³	9.7	9.7	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS



Sample Information

Client Sample ID: SV-12

York Sample ID: 17B0484-02

York Project (SDG) No.
17B0484

Client Project ID
1700655

Matrix
Soil Vapor

Collection Date/Time
February 13, 2017 3:00 pm

Date Received
02/14/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/m ³	5.6	5.6	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
67-66-3	Chloroform	ND		ug/m ³	10	10	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
74-87-3	Chloromethane	ND		ug/m ³	4.4	4.4	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	8.4	8.4	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	9.6	9.6	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
110-82-7	Cyclohexane	ND		ug/m ³	7.3	7.3	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
124-48-1	Dibromochloromethane	ND		ug/m ³	18	18	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m ³	10	10	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
141-78-6	* Ethyl acetate	ND		ug/m ³	15	15	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
100-41-4	Ethyl Benzene	ND		ug/m ³	9.2	9.2	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m ³	22	22	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
67-63-0	Isopropanol	ND		ug/m ³	10	10	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
80-62-6	Methyl Methacrylate	ND		ug/m ³	8.6	8.6	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	7.6	7.6	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
75-09-2	Methylene chloride	ND		ug/m ³	15	15	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
142-82-5	n-Heptane	ND		ug/m ³	8.6	8.6	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
110-54-3	n-Hexane	11		ug/m ³	7.4	7.4	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
95-47-6	o-Xylene	ND		ug/m ³	9.2	9.2	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m ³	18	18	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m ³	10	10	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
115-07-1	* Propylene	ND		ug/m ³	3.6	3.6	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS



Sample Information

Client Sample ID: SV-12

York Sample ID: 17B0484-02

York Project (SDG) No.

17B0484

Client Project ID

1700655

Matrix

Soil Vapor

Collection Date/Time

February 13, 2017 3:00 pm

Date Received

02/14/2017

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/m ³	9.0	9.0	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
127-18-4	Tetrachloroethylene	ND		ug/m ³	3.6	3.6	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m ³	12	12	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
108-88-3	Toluene	19		ug/m ³	7.9	7.9	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	8.4	8.4	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	9.6	9.6	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
79-01-6	Trichloroethylene	ND		ug/m ³	2.8	2.8	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m ³	12	12	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
108-05-4	Vinyl acetate	ND		ug/m ³	7.4	7.4	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
593-60-2	Vinyl bromide	ND		ug/m ³	9.2	9.2	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
75-01-4	Vinyl Chloride	ND		ug/m ³	5.4	5.4	21.09	EPA TO-15 Certifications: NELAC-NY10854,NJDEP,NELAC-NY10854-Que	02/15/2017 11:42	02/16/2017 00:38	LDS
Surrogate Recoveries		Result	Acceptance Range								
460-00-4	Surrogate: p-Bromofluorobenzene	97.6 %	72-118								





Notes and Definitions

QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



Page 1 of 1
178084

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

[illegible]

Comments

Comments
to Course Village

SAMPLES	DATE/TIME
JAMES CAMES	2-14-17 11:20
Samples Received By	Date/Time
<i>[Signature]</i>	2-14-17 1500
Samples Received In LAB by	Date/Time

Samples Relinquished By	Date/Time
JAMES GOMES	2-14-17 14:55